

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012927.D
 Acq On : 09 Oct 2019 07:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 08:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111181	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	5.49	113	86239	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	8.71	98	331380	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	128006	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	93363	54.549	ug/l	99
3) Chloromethane	1.32	50	98162	52.699	ug/l	97
4) Vinyl Chloride	1.40	62	100663	52.358	ug/l	96
5) Bromomethane	1.63	94	39434	49.342	ug/l	97
6) Chloroethane	1.71	64	62933	53.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	141836	54.659	ug/l	99
8) Diethyl Ether	2.18	74	56081	53.542	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88652	52.787	ug/l	100
10) Methyl Iodide	2.50	142	102754	53.600	ug/l	100
11) Tert butyl alcohol	3.03	59	143232	257.456	ug/l	98
12) 1,1-Dichloroethene	2.36	96	91266	53.787	ug/l	94
13) Acrolein	2.28	56	88552	223.976	ug/l	100
14) Allyl chloride	2.72	41	157721	52.195	ug/l	99
15) Acrylonitrile	3.13	53	291475	276.464	ug/l	99
16) Acetone	2.43	43	247710	223.928	ug/l	98
17) Carbon Disulfide	2.56	76	247782	51.213	ug/l	100
18) Methyl Acetate	2.76	43	142400	54.310	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330053	56.326	ug/l	98
20) Methylene Chloride	2.84	84	104964	51.630	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97443	53.579	ug/l	98
22) Diisopropyl ether	3.84	45	323233	55.823	ug/l	95
23) Vinyl Acetate	3.80	43	1388325	277.742	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180852	55.519	ug/l	99
25) 2-Butanone	4.66	43	396777	258.536	ug/l	100
26) 2,2-Dichloropropane	4.57	77	103085	37.632	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113334	54.062	ug/l	97
28) Bromochloromethane	5.00	49	55942	57.532	ug/l	98
29) Tetrahydrofuran	5.11	42	258998	274.245	ug/l	99
30) Chloroform	5.20	83	181946	54.435	ug/l	99
31) Cyclohexane	5.57	56	161622	53.061	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	160041	56.510	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135141	52.192	ug/l	99
37) Ethyl Acetate	4.82	43	153343	52.962	ug/l	99
38) Carbon Tetrachloride	5.77	117	136962	54.344	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165066	52.566	ug/l	100
40) Benzene	6.13	78	412308	53.914	ug/l	100
41) Methacrylonitrile	5.03	41	83966	52.777	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148957	54.281	ug/l	99
43) Isopropyl Acetate	6.43	43	250376	53.878	ug/l	100
44) Trichloroethene	7.21	130	107930	50.894	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104191	53.456	ug/l	100
46) Dibromomethane	7.65	93	70159	54.026	ug/l	100
47) Bromodichloromethane	7.89	83	139653	55.106	ug/l	96
48) Methyl methacrylate	7.76	41	121343	53.583	ug/l	100
49) 1,4-Dioxane	7.73	88	60437	994.685	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	774324	267.250	ug/l	100
52) Toluene	8.78	92	260301	53.203	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145923	46.307	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	163337	52.403	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104750	54.101	ug/l	99
56) Ethyl methacrylate	9.17	69	172875	49.866	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177719	53.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	381100	267.931	ug/l	100
59) 2-Hexanone	9.49	43	594680	263.667	ug/l	100
60) Dibromochloromethane	9.58	129	107308	49.810	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109139	53.584	ug/l	100
64) Tetrachloroethene	9.33	164	98397	53.805	ug/l	95
65) Chlorobenzene	10.14	112	269660	51.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99997	55.081	ug/l	99
67) Ethyl Benzene	10.25	91	493807	53.094	ug/l	99
68) m/p-Xylenes	10.35	106	374756	107.857	ug/l	100
69) o-Xylene	10.70	106	182172	53.765	ug/l	99
70) Styrene	10.71	104	315360	54.749	ug/l	99
71) Bromoform	10.85	173	73106	47.441	ug/l #	98
73) Isopropylbenzene	11.01	105	489653	54.136	ug/l	100
74) N-amyl acetate	10.89	43	217237	55.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	160335	53.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	177997	65.233	ug/l	78
77) Bromobenzene	11.25	156	112558	52.810	ug/l	98
78) n-propylbenzene	11.35	91	535294	53.784	ug/l	99
79) 2-Chlorotoluene	11.42	91	333570	53.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	417519	55.283	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	44133	42.278	ug/l	98
82) 4-Chlorotoluene	11.51	91	386413	53.898	ug/l	99
83) tert-Butylbenzene	11.76	119	393379	53.395	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	416928	54.508	ug/l	99
85) sec-Butylbenzene	11.94	105	460127	53.908	ug/l	99
86) p-Isopropyltoluene	12.06	119	429826	54.298	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	204832	51.751	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	205560	51.281	ug/l	99
89) n-Butylbenzene	12.39	91	356954	53.652	ug/l	98
90) Hexachloroethane	12.59	117	73867	50.365	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205454	52.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39828	56.486	ug/l	95

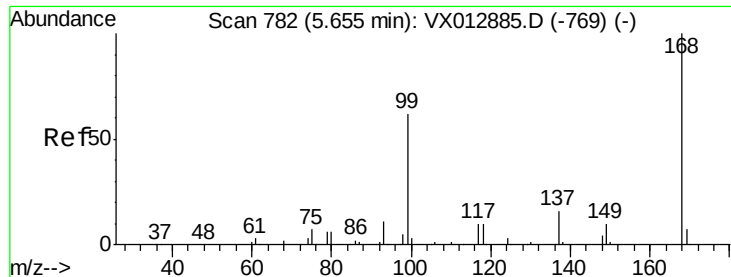
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130008	53.486	ug/l	99
94) Hexachlorobutadiene	13.78	225	56625	50.478	ug/l	100
95) Naphthalene	13.83	128	462054	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132681	52.822	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

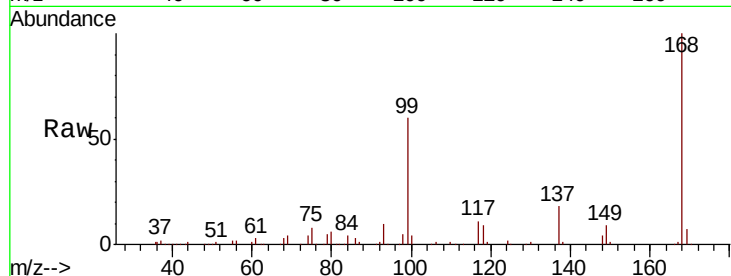
VSTDCCC050EC

Tot Ion:168 Resp: 167910

Ion Ratio Lower Upper

168 100

99 59.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

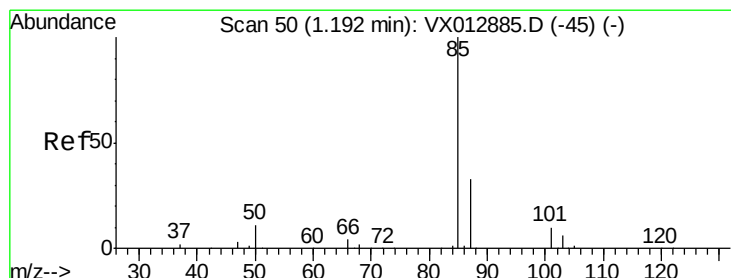
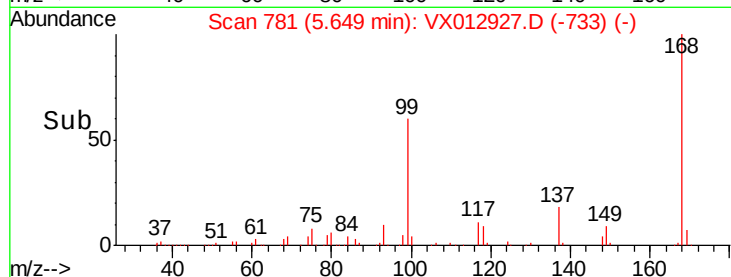
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 54.549 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012927.D

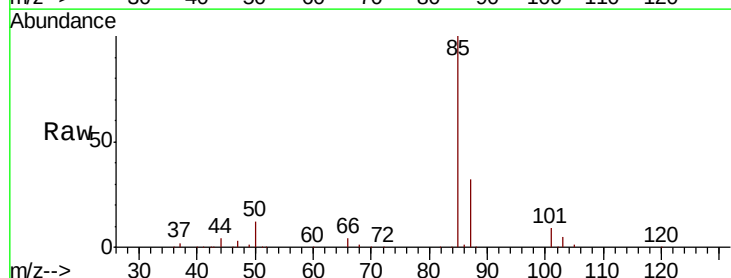
Acq: 09 Oct 2019 07:01

Tgt Ion: 85 Resp: 93363

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

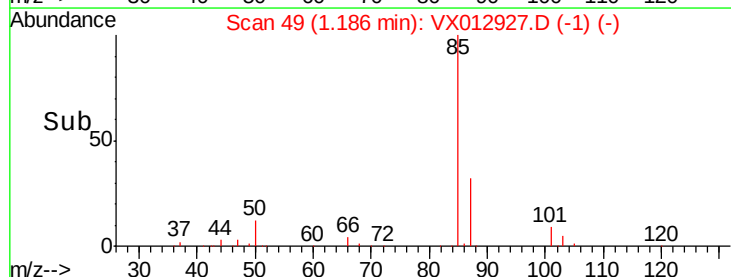
60000

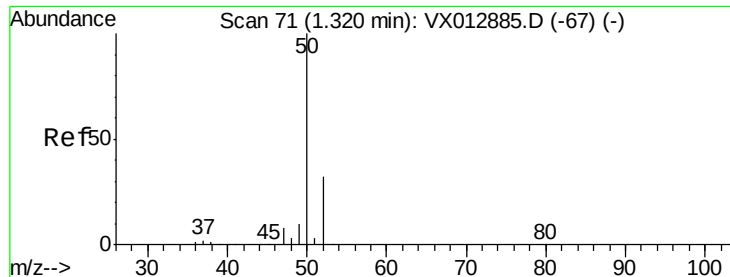
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 52.699 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

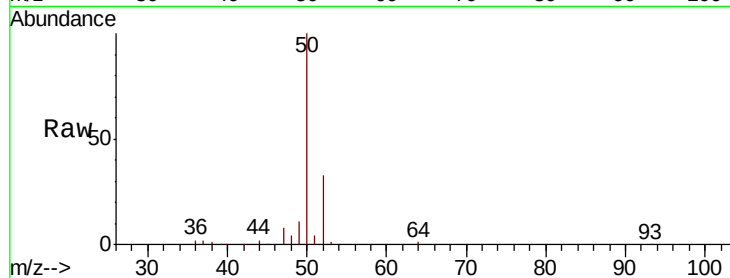
VSTDCCC050EC

Tot Ion: 50 Resp: 98162

Ion Ratio Lower Upper

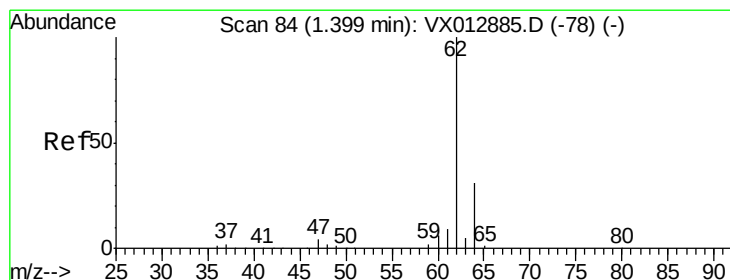
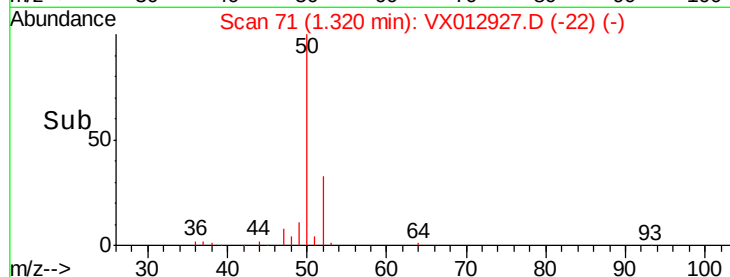
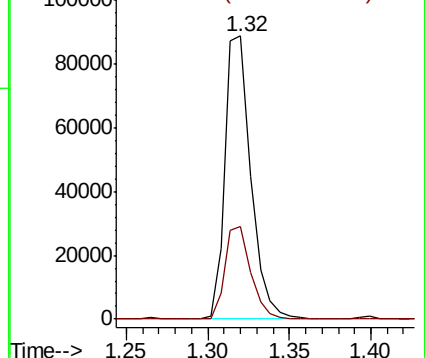
50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.358 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012927.D

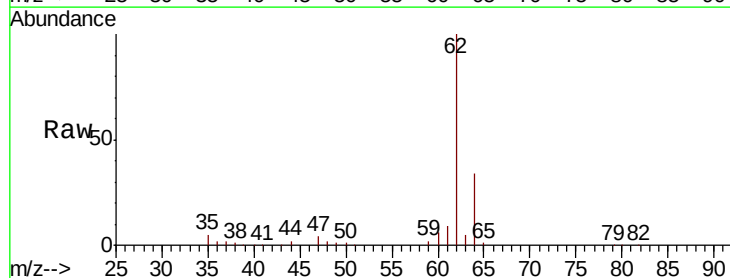
Acq: 09 Oct 2019 07:01

Tgt Ion: 62 Resp: 100663

Ion Ratio Lower Upper

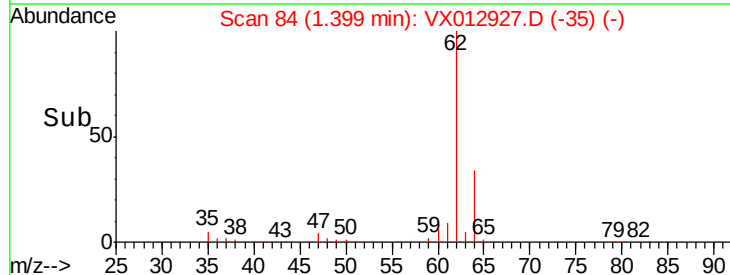
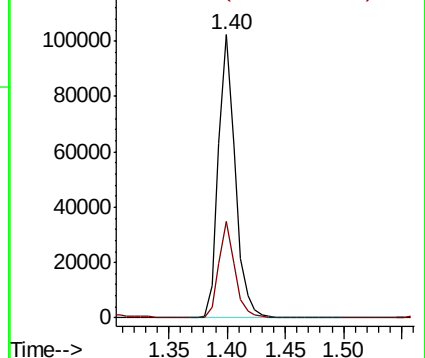
62 100

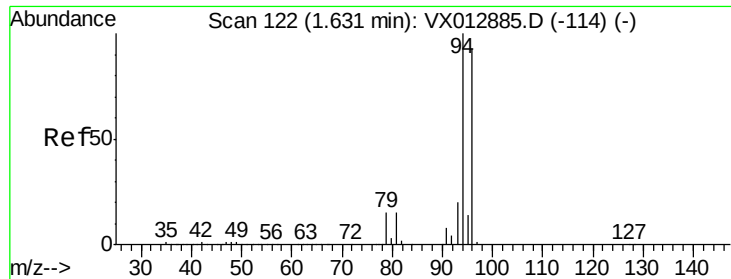
64 33.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.342 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

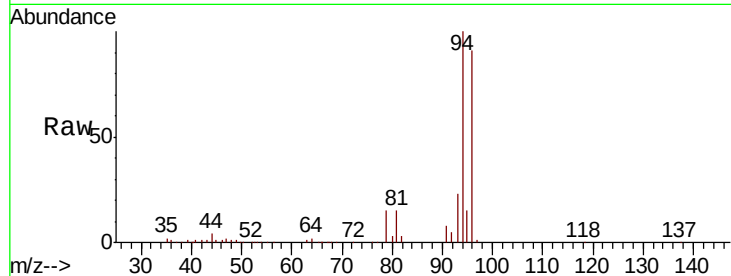
VSTDCCC050EC

Tot Ion: 94 Resp: 39434

Ion Ratio Lower Upper

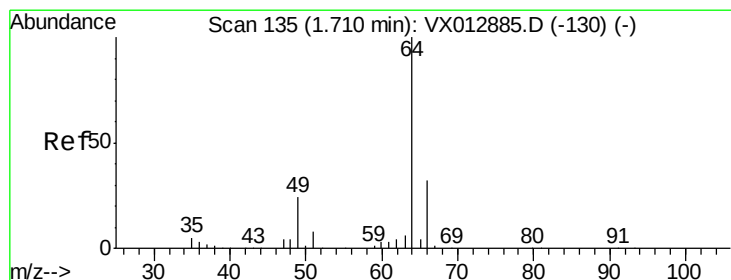
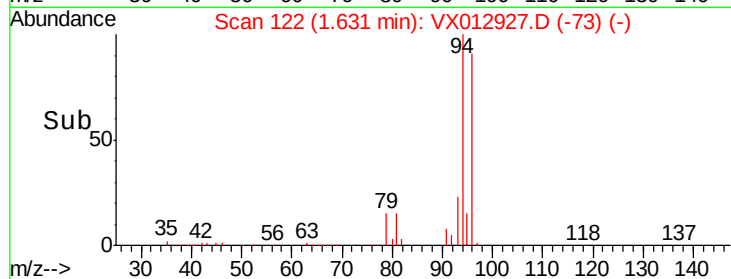
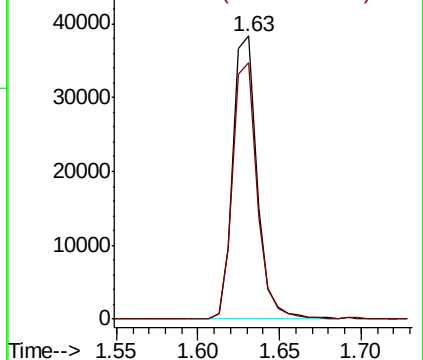
94 100

96 90.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.562 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012927.D

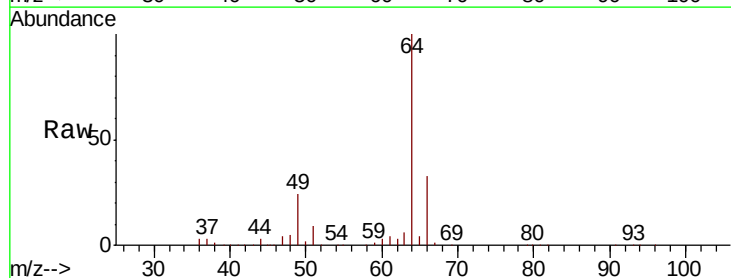
Acq: 09 Oct 2019 07:01

Tgt Ion: 64 Resp: 62933

Ion Ratio Lower Upper

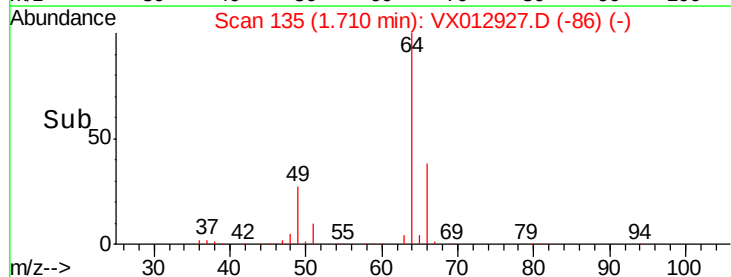
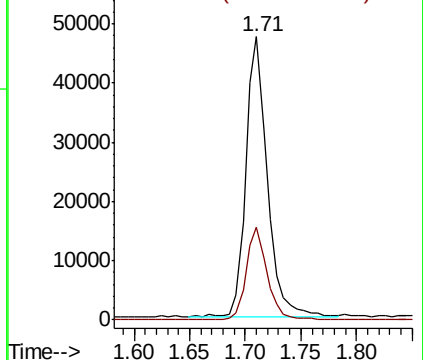
64 100

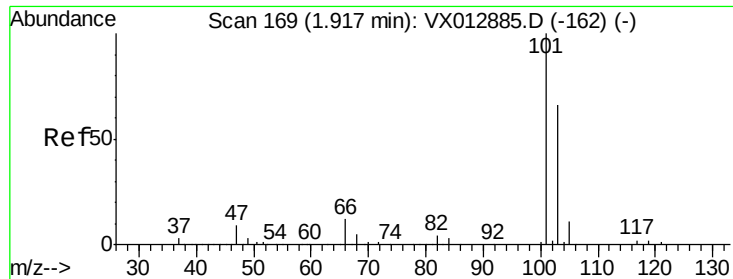
66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



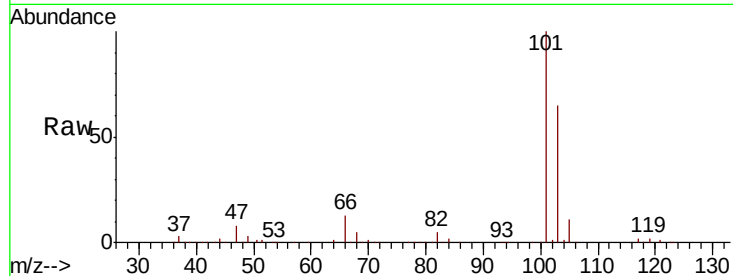


#7

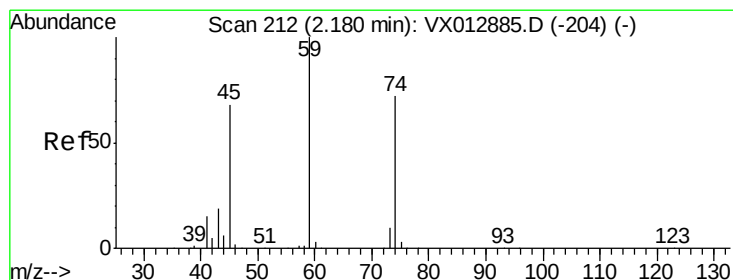
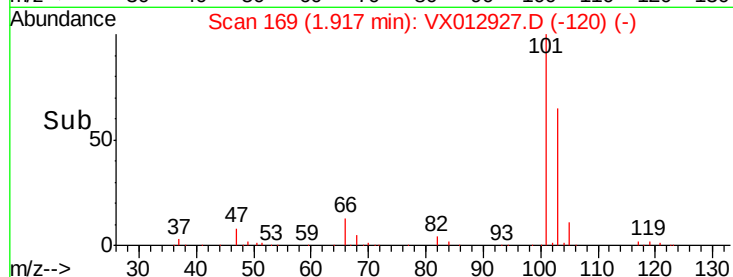
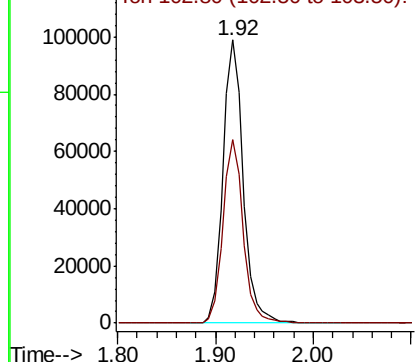
Trichlorofluoromethane
Concen: 54.659 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 141836
Ion Ratio Lower Upper
101 100
103 64.7 52.5 78.7



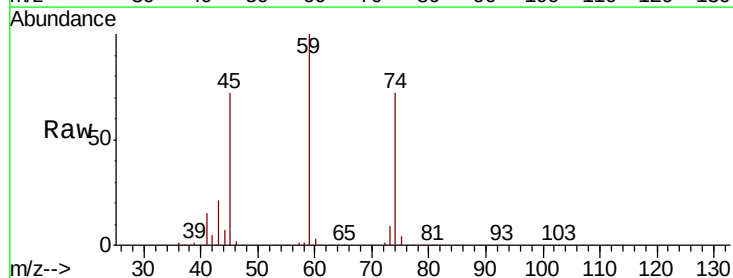
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



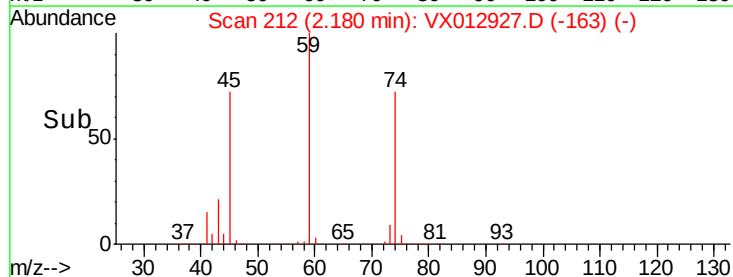
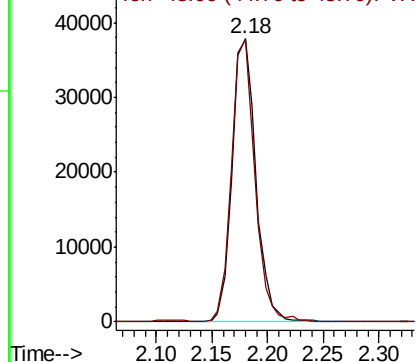
#8

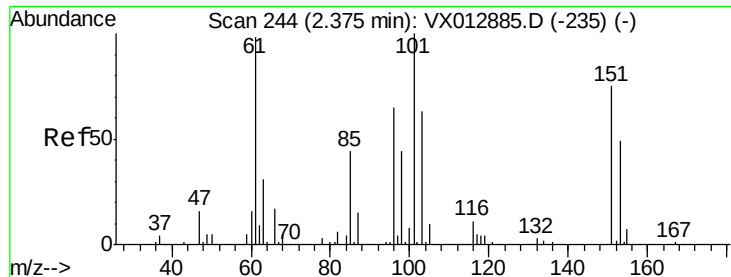
Diethyl Ether
Concen: 53.542 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 74 Resp: 56081
Ion Ratio Lower Upper
74 100
45 98.4 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.787 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

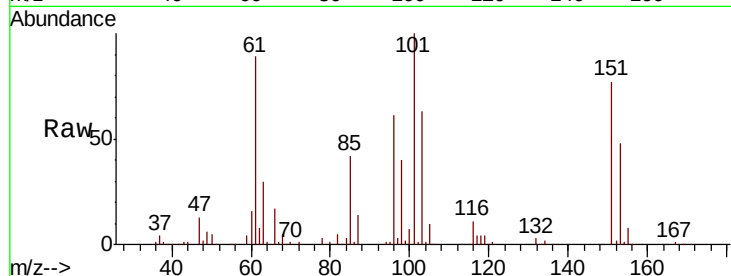
Tot Ion:101 Resp: 88652

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

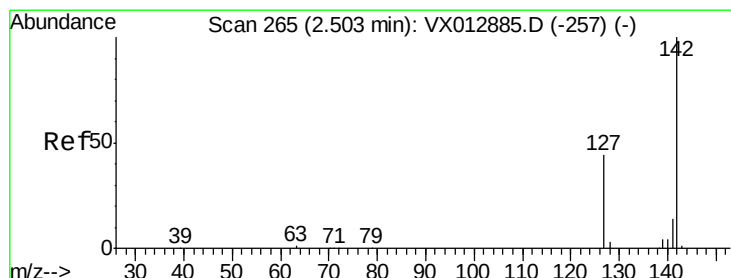
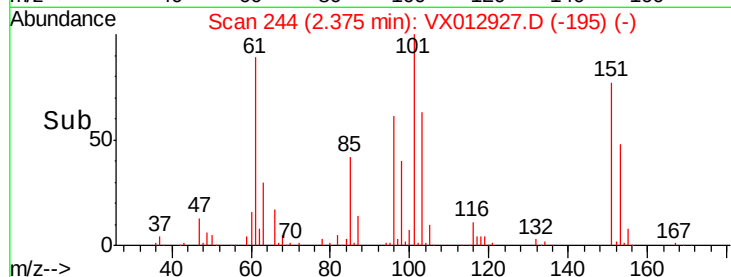
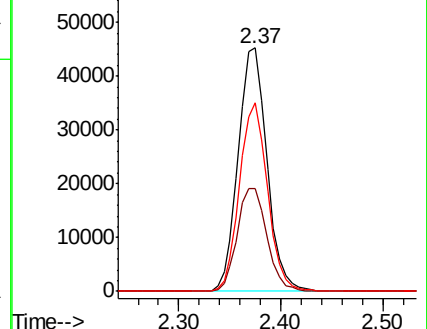
151 75.2 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.600 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

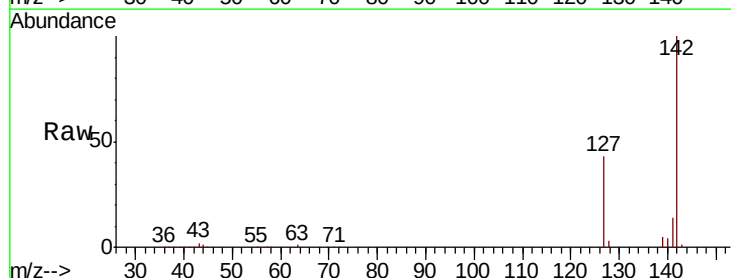
Tgt Ion:142 Resp: 102754

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

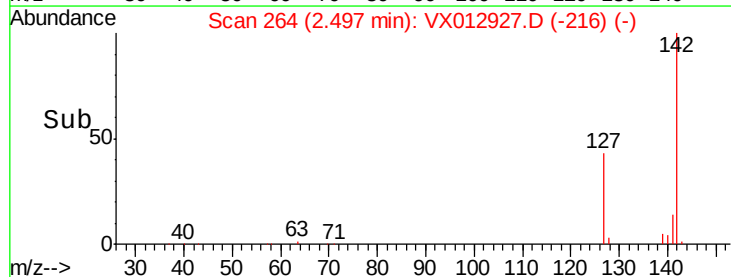
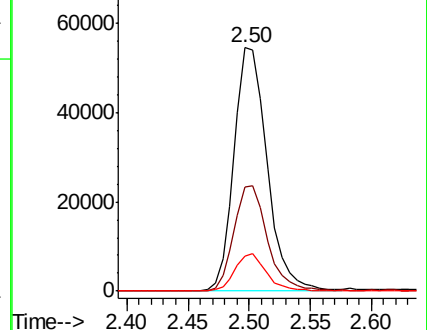
141 14.5 11.6 17.4

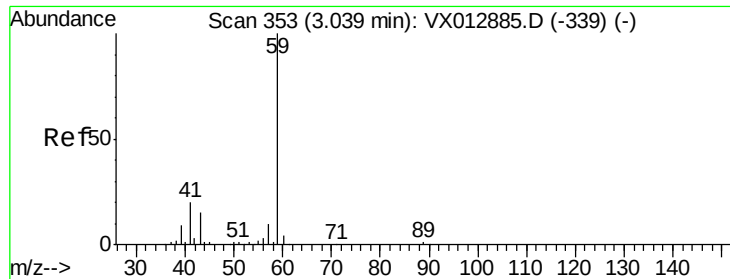


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

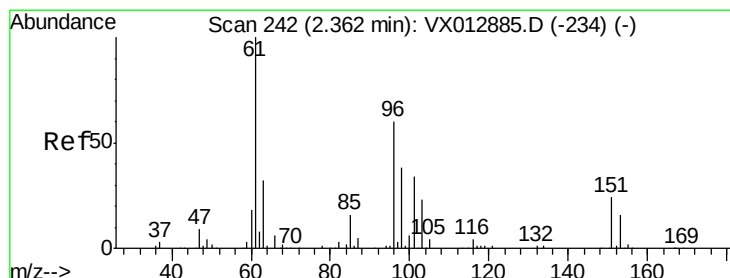
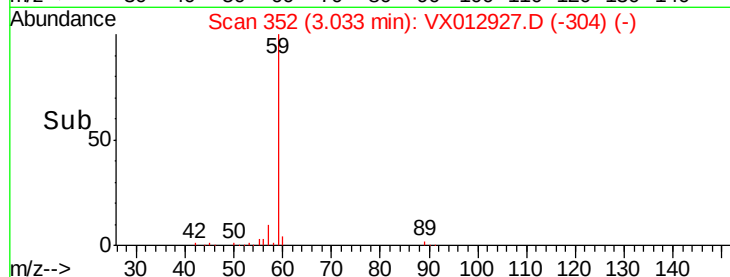
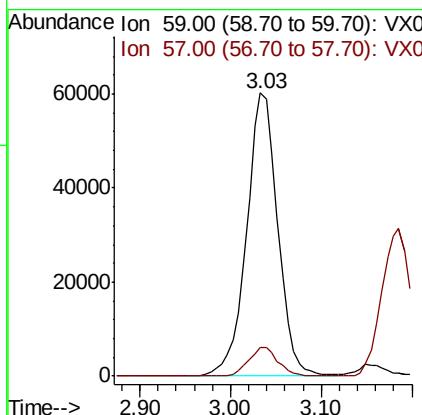
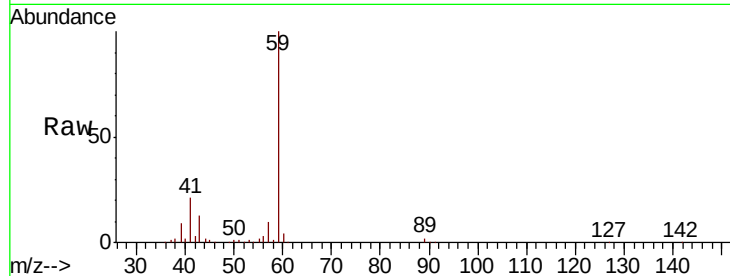




#11
Tert butyl alcohol
Concen: 257.456 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

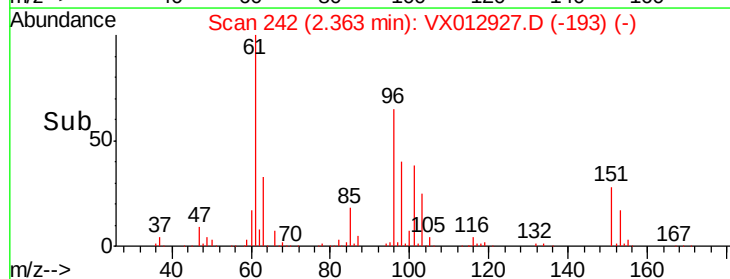
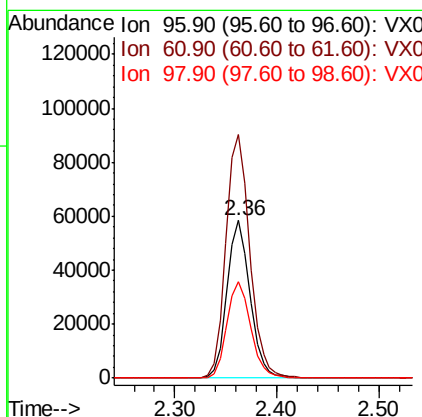
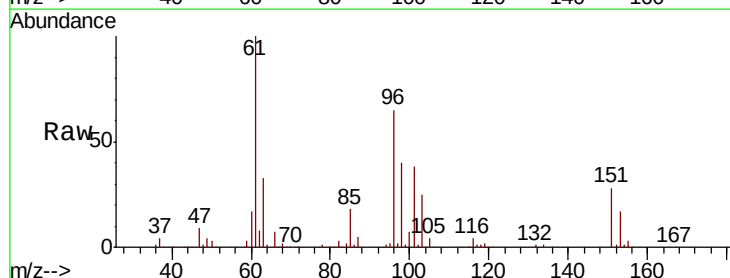
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

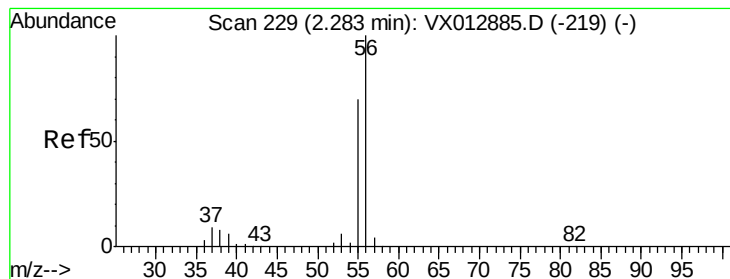
Tot Ion: 59 Resp: 143232
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.787 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 96 Resp: 91266
Ion Ratio Lower Upper
96 100
61 154.5 132.2 198.4
98 61.3 50.5 75.7





#13

Acrolein

Concen: 223.976 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

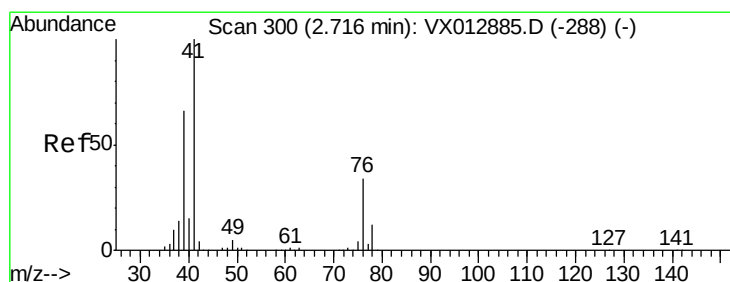
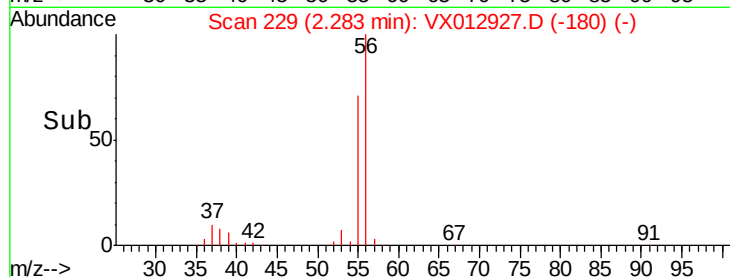
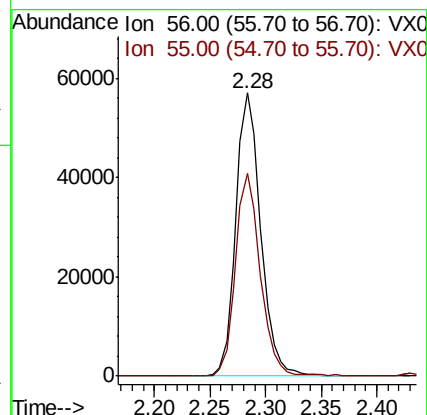
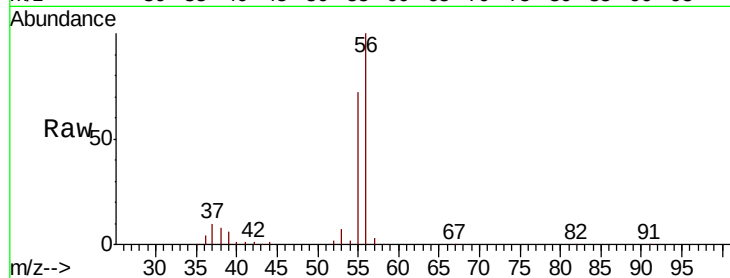
VSTDCCC050EC

Tot Ion: 56 Resp: 88552

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 52.195 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

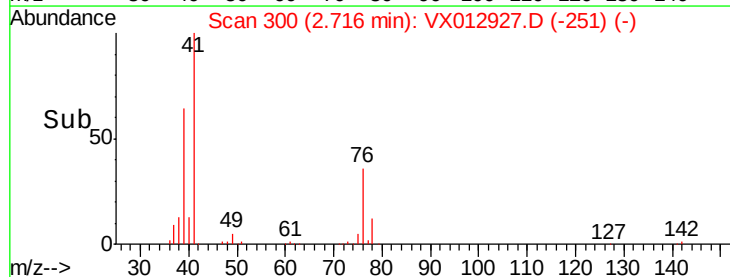
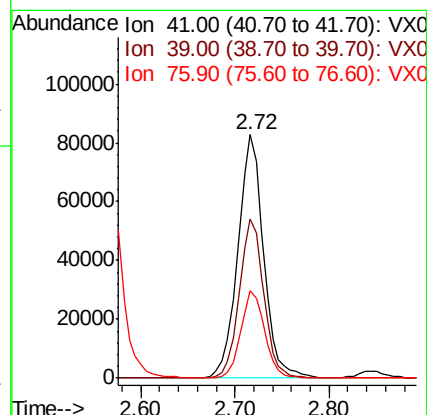
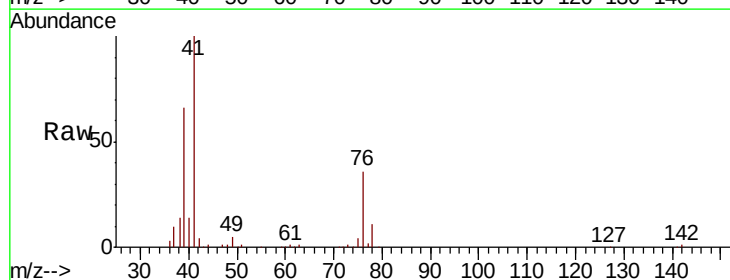
Tgt Ion: 41 Resp: 157721

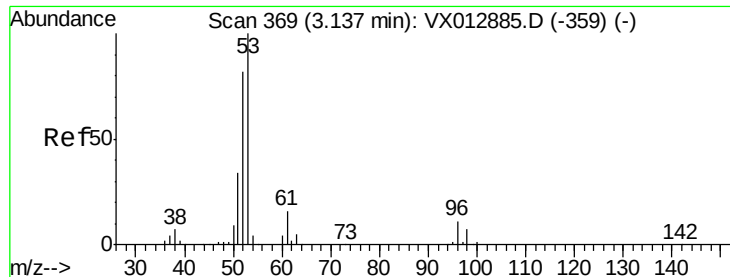
Ion Ratio Lower Upper

41 100

39 62.3 51.0 76.6

76 32.9 26.2 39.4





#15

Acrylonitrile

Concen: 276.464 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

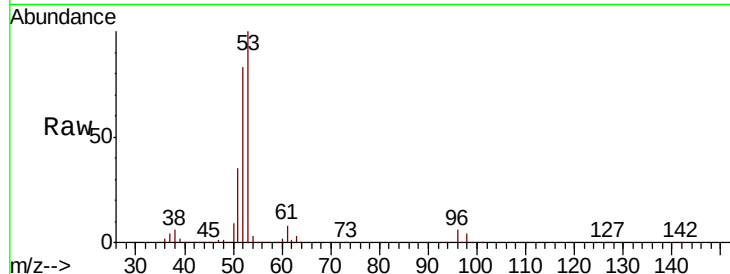
Tot Ion: 53 Resp: 291475

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

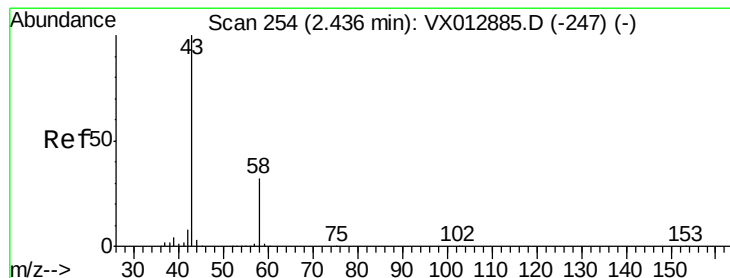
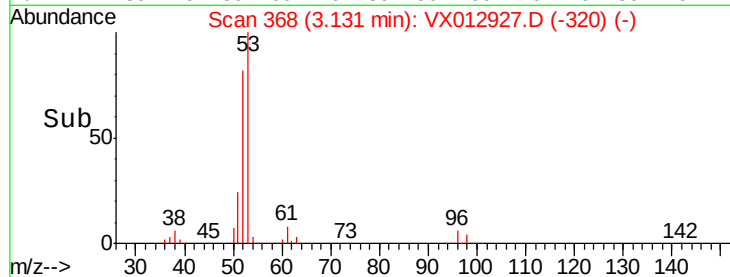
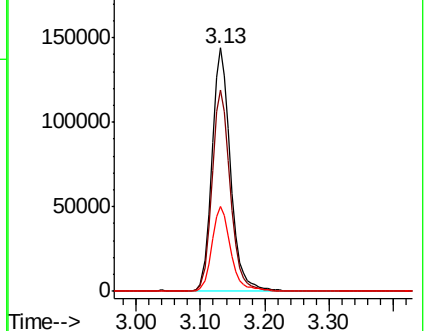
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.928 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012927.D

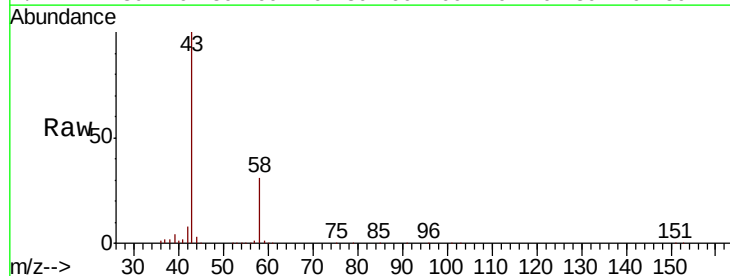
Acq: 09 Oct 2019 07:01

Tgt Ion: 43 Resp: 247710

Ion Ratio Lower Upper

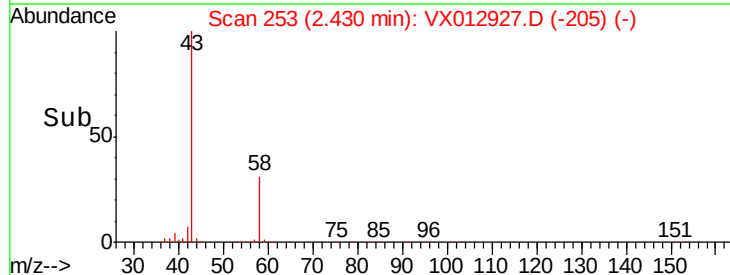
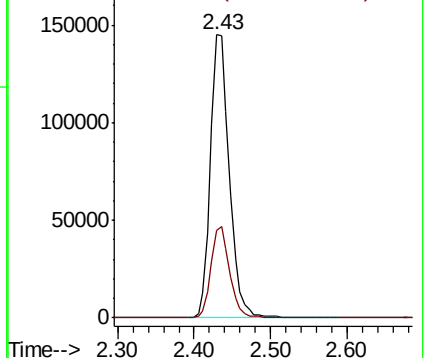
43 100

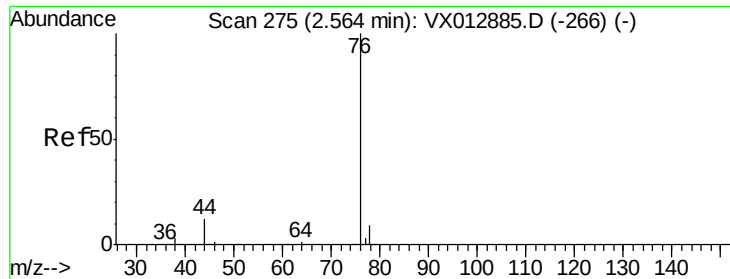
58 30.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

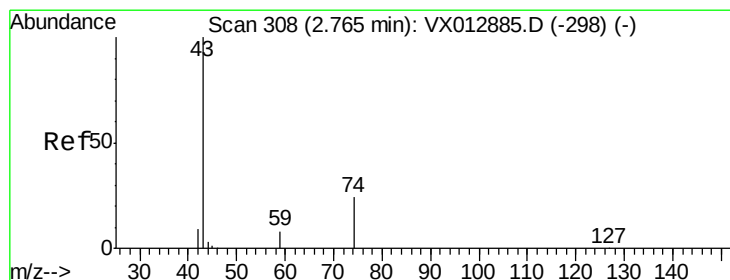
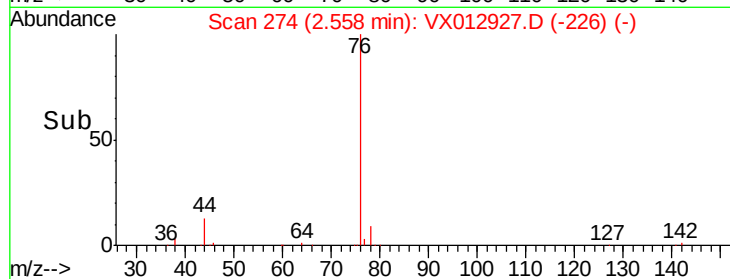
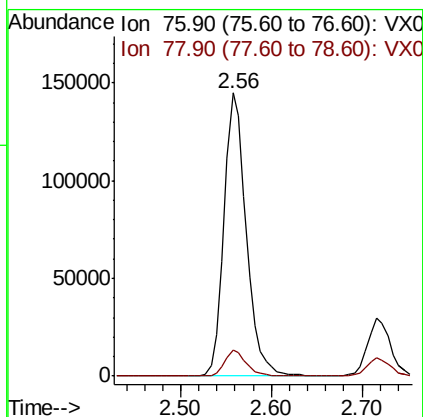
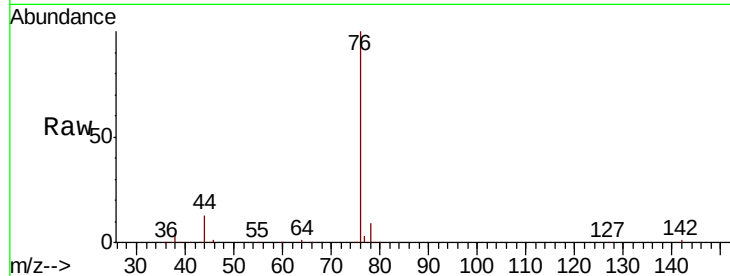




#17
Carbon Disulfide
Concen: 51.213 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

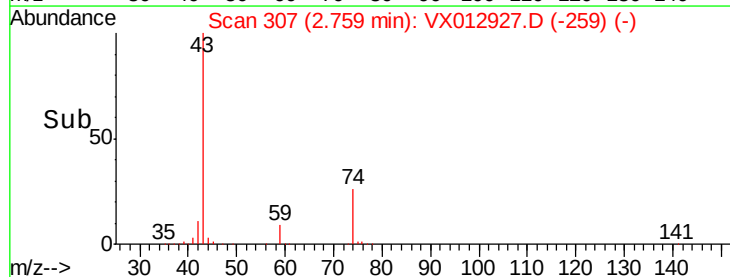
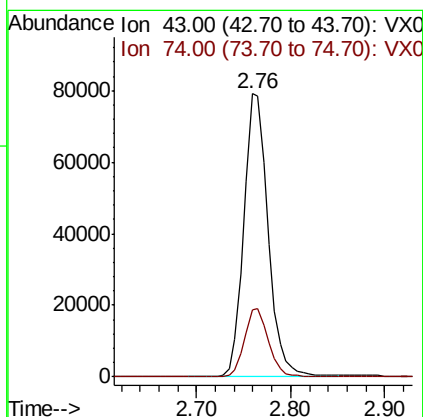
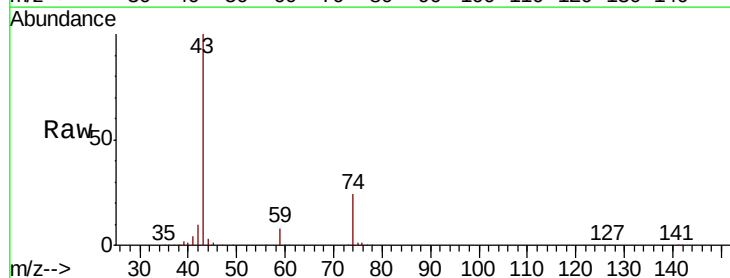
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

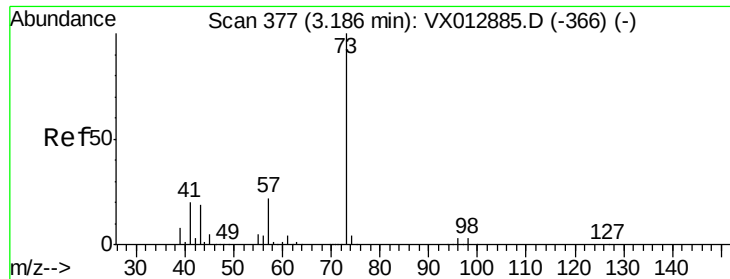
Tot Ion: 76 Resp: 247782
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 54.310 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 43 Resp: 142400
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8

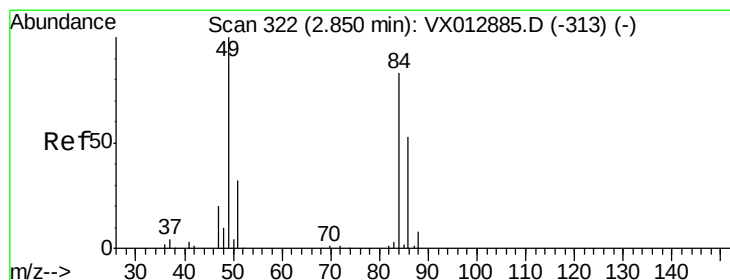
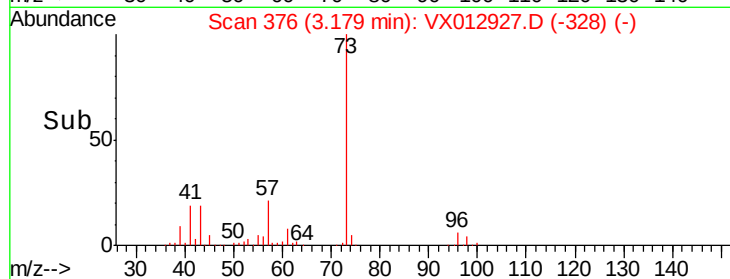
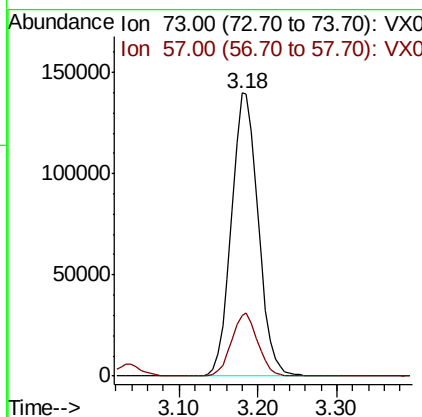
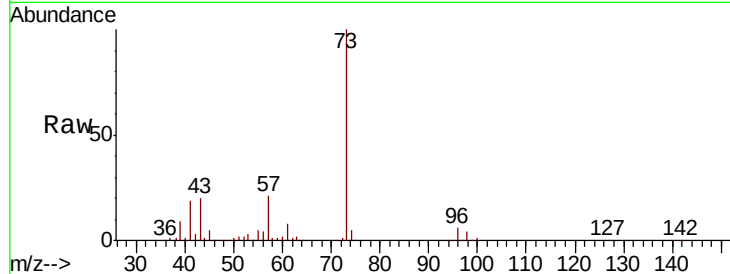




#19
Methyl tert-butyl Ether
Concen: 56.326 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

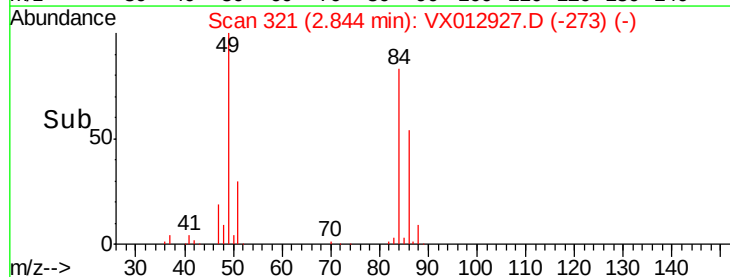
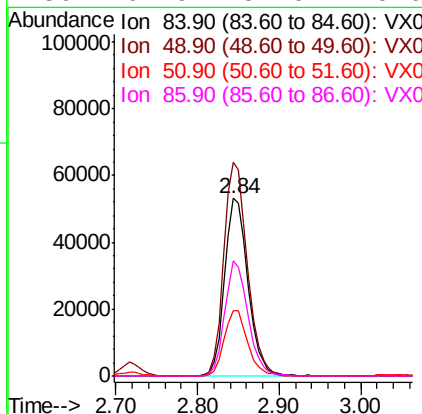
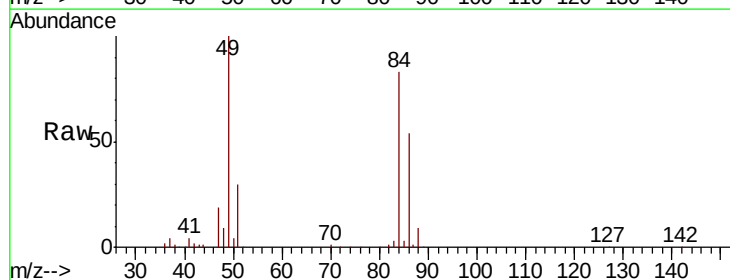
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

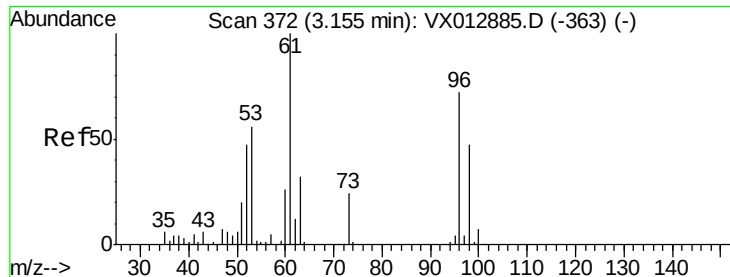
Tot Ion: 73 Resp: 330053
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 51.630 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 84 Resp: 104964
Ion Ratio Lower Upper
84 100
49 120.3 96.6 144.8
51 36.5 30.7 46.1
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.579 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

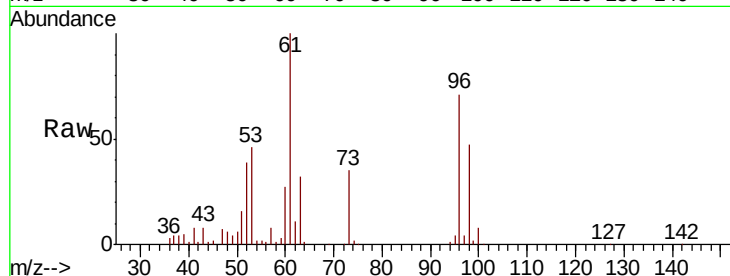
Tot Ion: 96 Resp: 97443

Ion Ratio Lower Upper

96 100

61 140.3 110.4 165.6

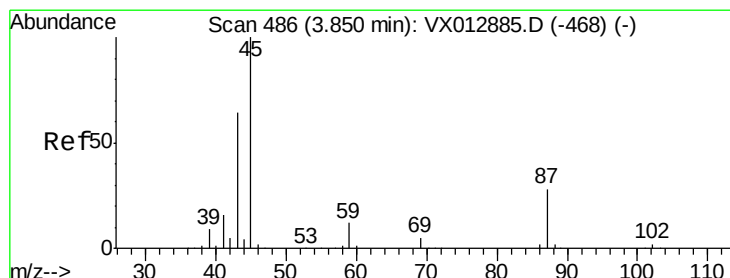
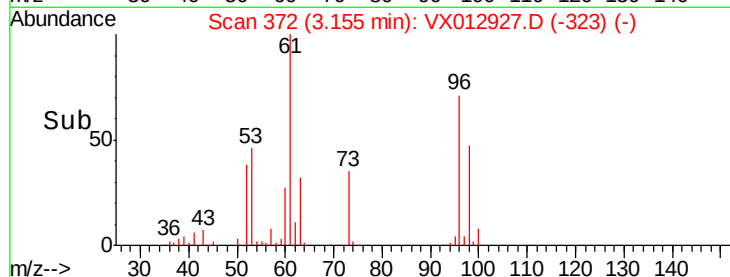
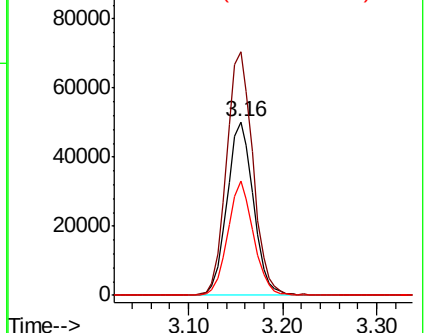
98 65.8 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.823 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion: 45 Resp: 323233

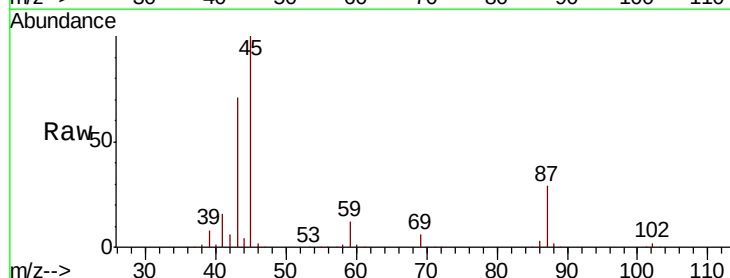
Ion Ratio Lower Upper

45 100

43 70.2 51.4 77.0

87 29.2 22.5 33.7

59 12.3 9.7 14.5

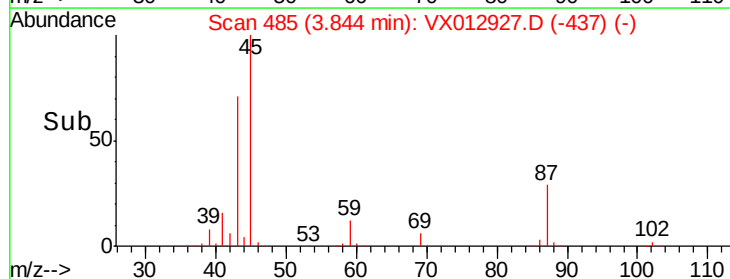
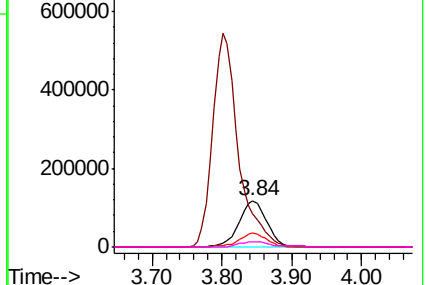


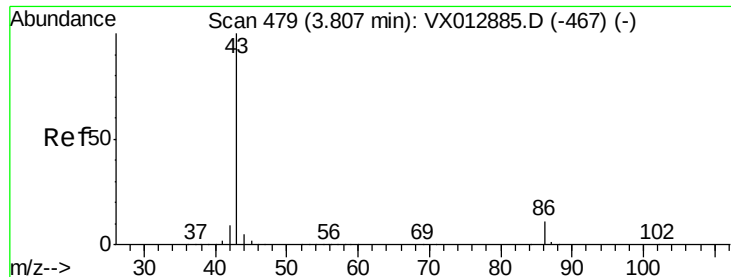
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

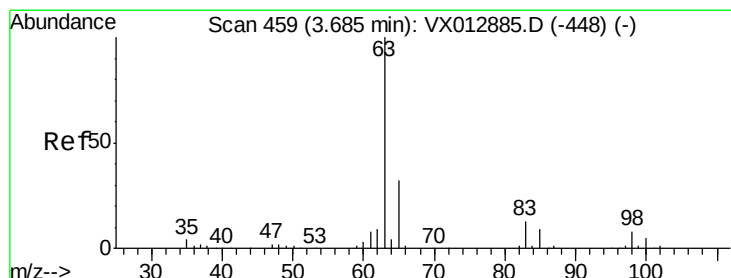
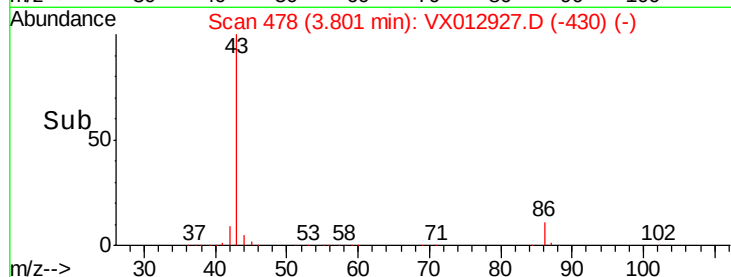
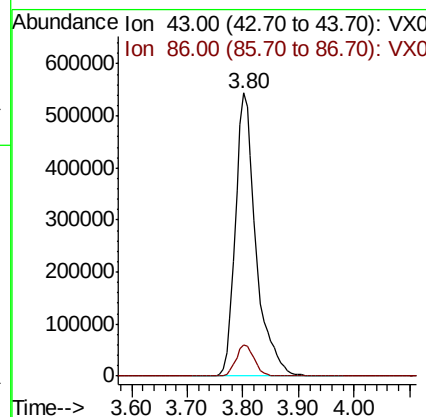
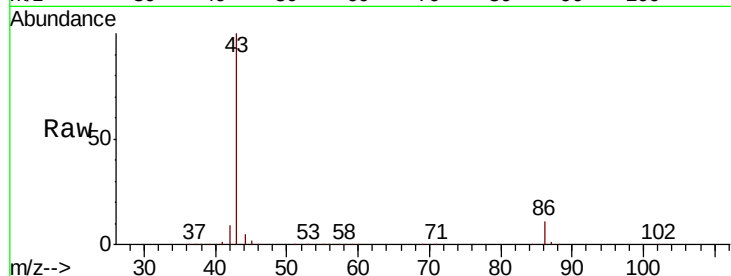




#23
 Vinyl Acetate
 Concen: 277.742 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

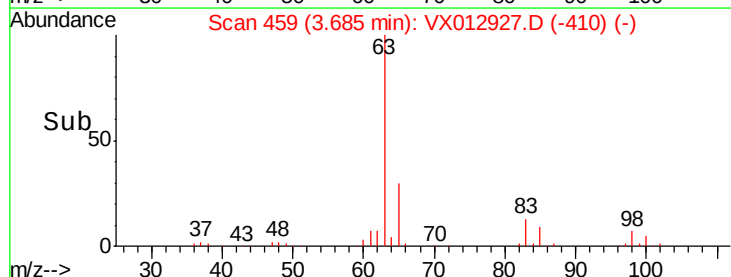
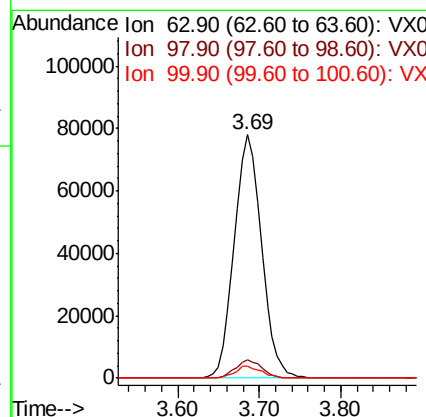
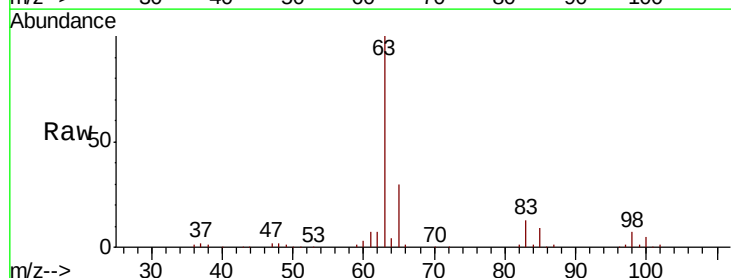
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

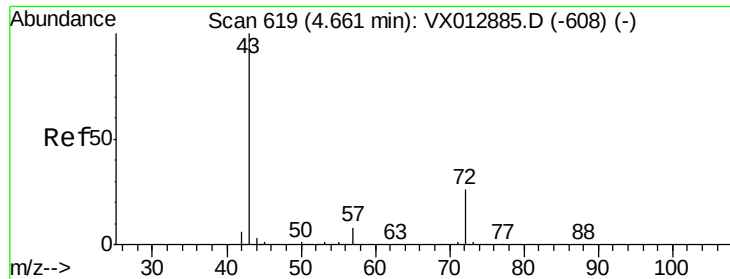
Tot Ion: 43 Resp: 1388325
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 55.519 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 63 Resp: 180852
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 258.536 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

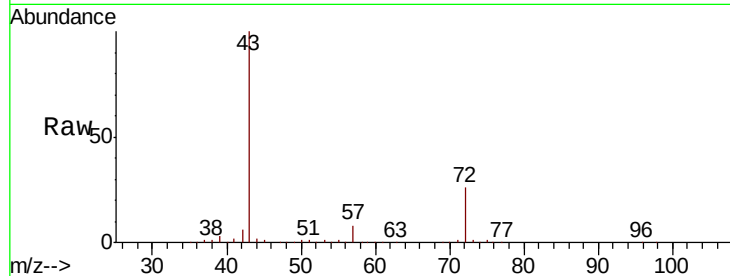
VSTDCCC050EC

Tot Ion: 43 Resp: 396777

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

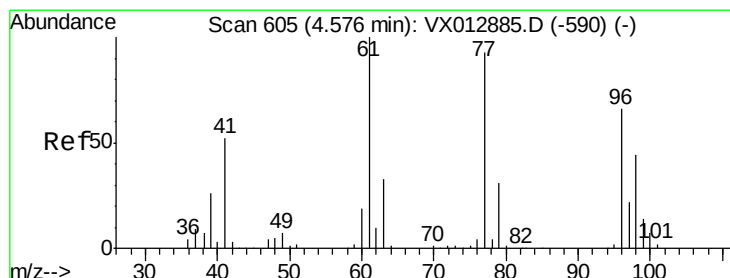
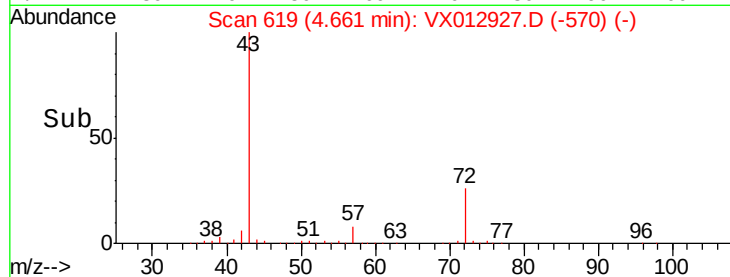
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 37.632 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012927.D

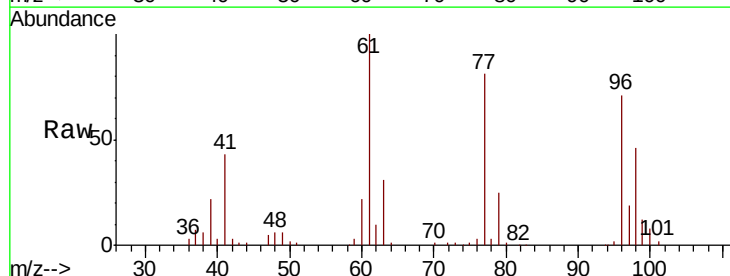
Acq: 09 Oct 2019 07:01

Tgt Ion: 77 Resp: 103085

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

40000

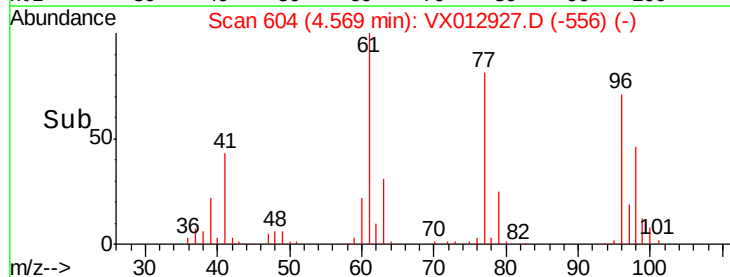
30000

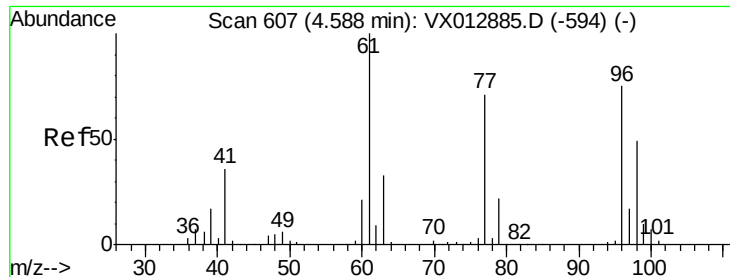
20000

10000

0

Time-->



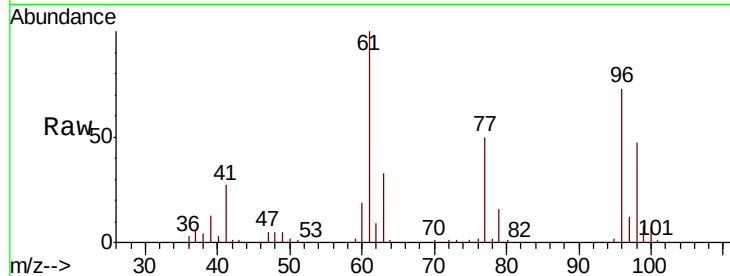


#27

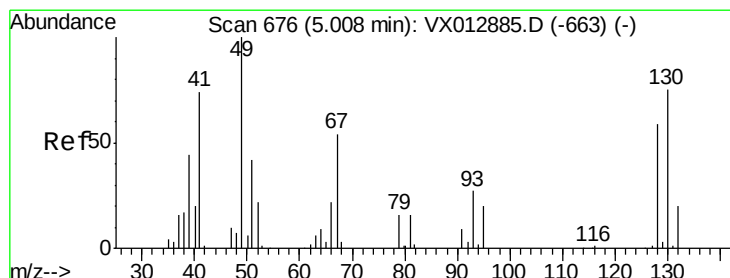
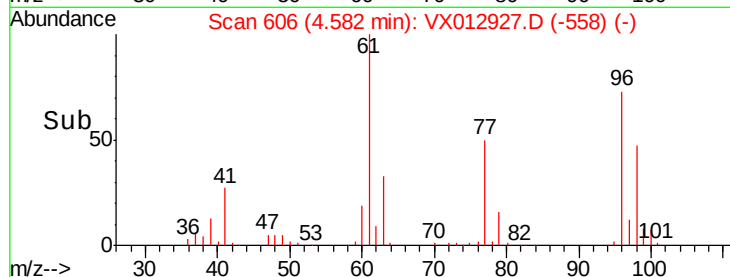
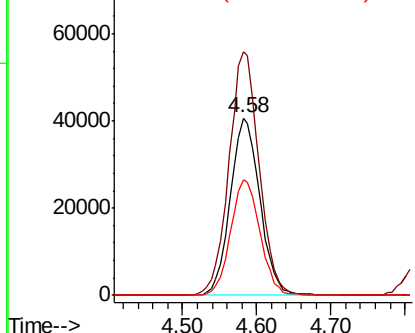
cis-1,2-Dichloroethene
Concen: 54.062 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 113334
Ion Ratio Lower Upper
96 100
61 139.8 0.0 290.6
98 64.8 0.0 128.8



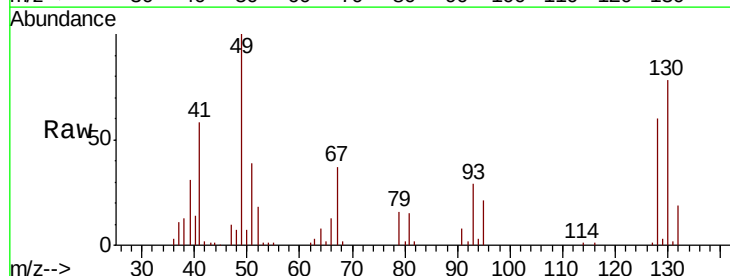
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



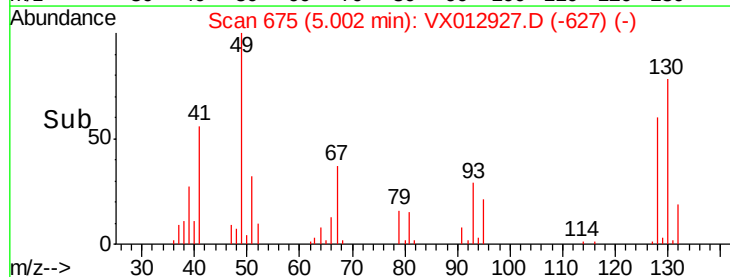
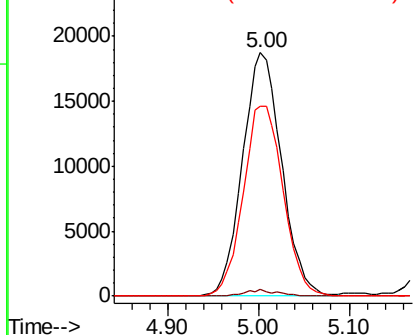
#28

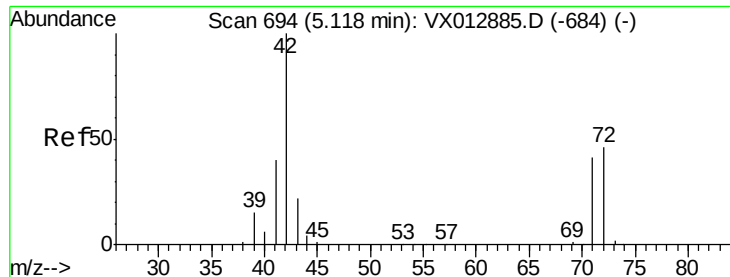
Bromochloromethane
Concen: 57.532 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 49 Resp: 55942
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.8 62.1 93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

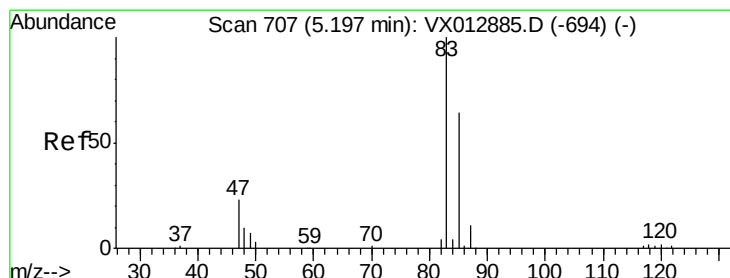
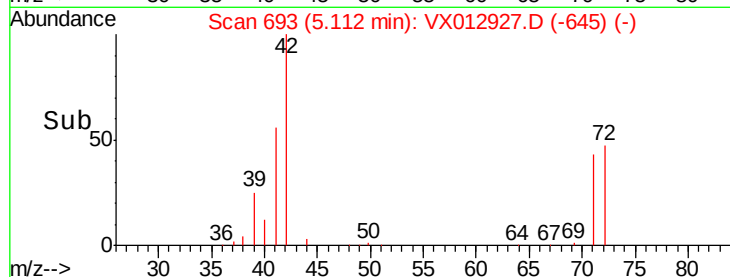
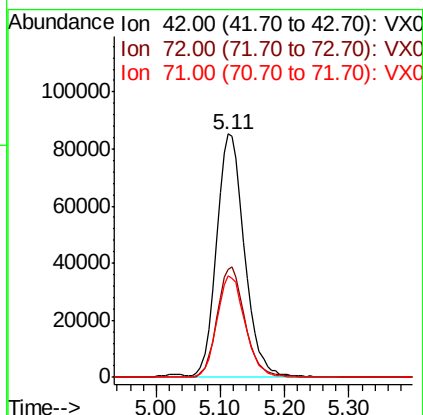
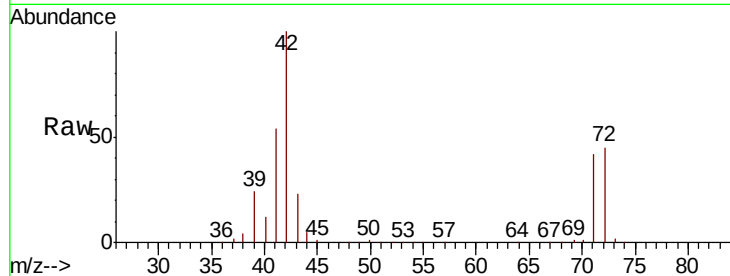




#29
Tetrahydrofuran
Concen: 274.245 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

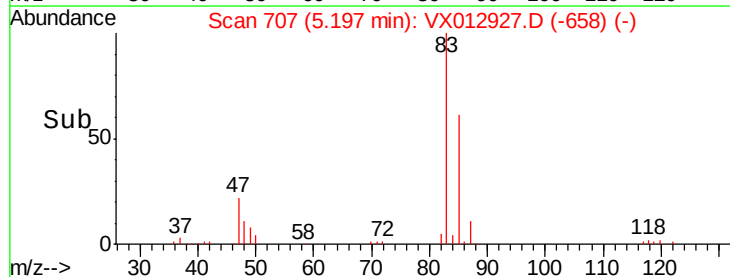
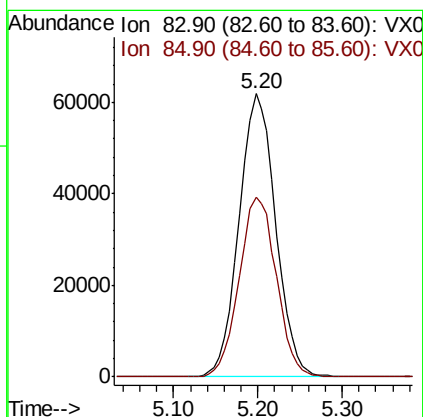
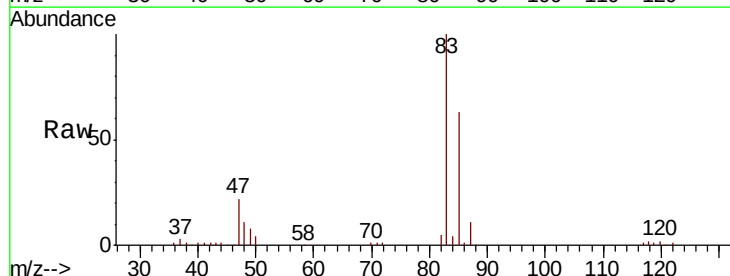
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

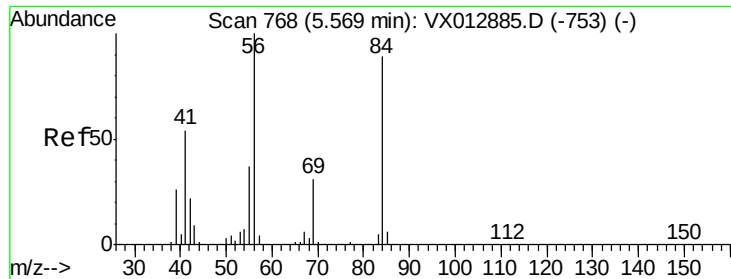
Tot Ion: 42 Resp: 258998
Ion Ratio Lower Upper
42 100
72 45.7 36.9 55.3
71 42.4 33.5 50.3



#30
Chloroform
Concen: 54.435 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 83 Resp: 181946
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3

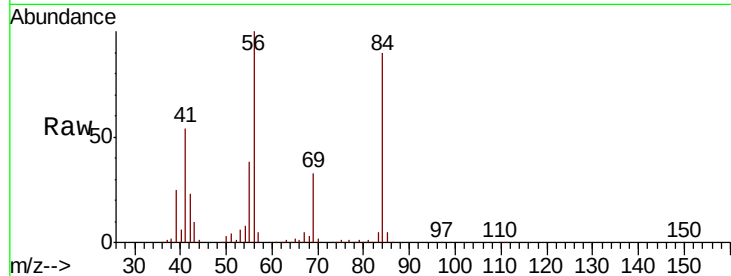




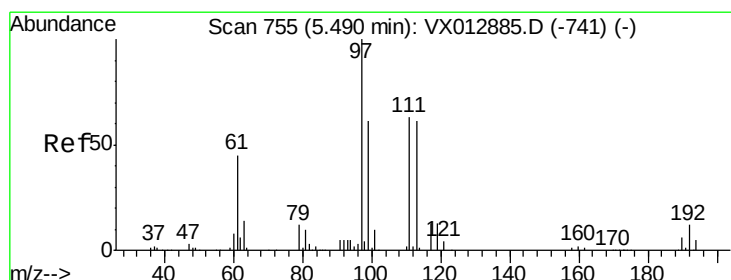
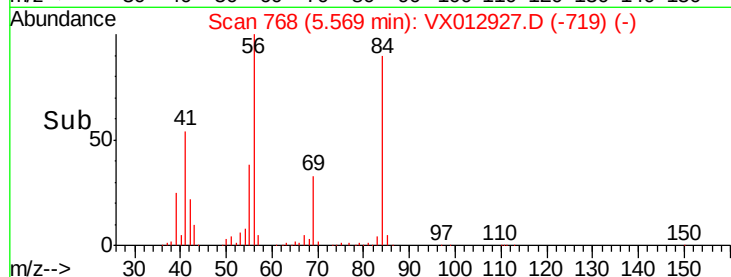
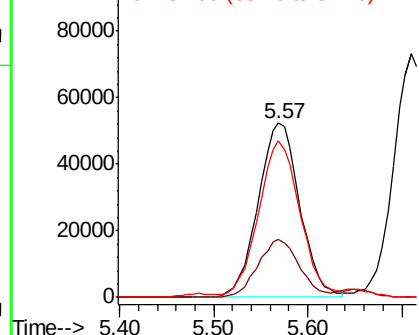
#31
Cyclohexane
Concen: 53.061 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 161622
Ion Ratio Lower Upper
56 100
69 33.2 25.2 37.8
84 88.4 71.3 106.9

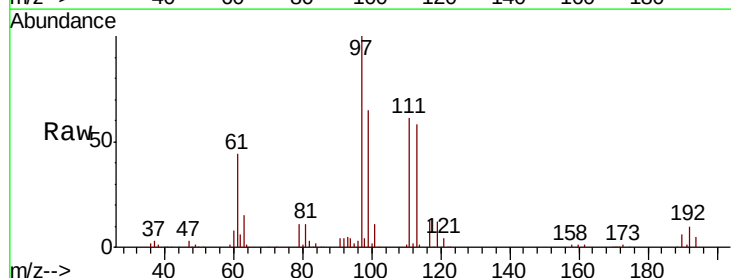


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

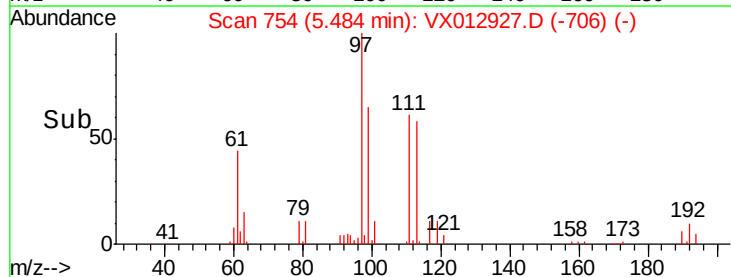
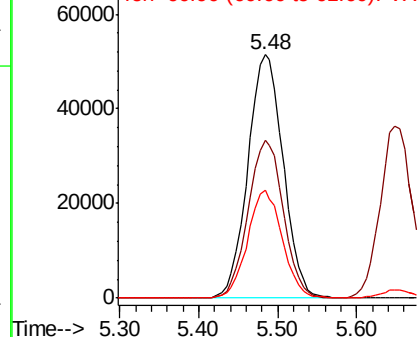


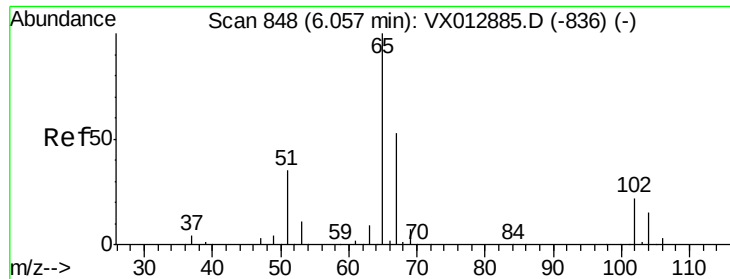
#32
1,1,1-Trichloroethane
Concen: 56.510 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 97 Resp: 160041
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 43.6 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

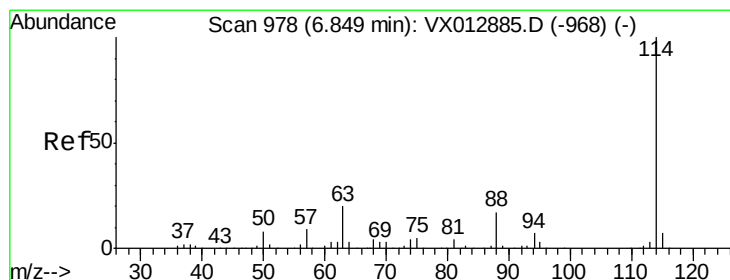
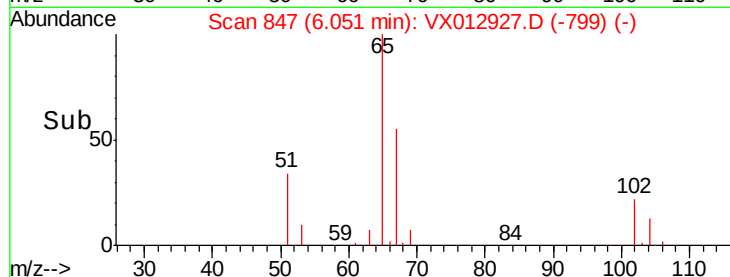
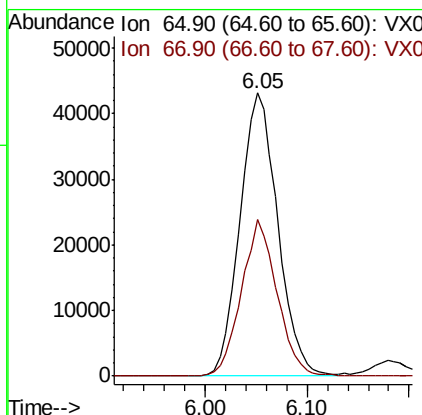
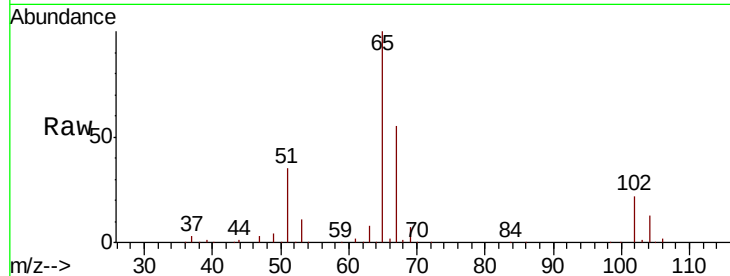




#33
 1,2-Dichloroethane-d4
 Concen: 52.977 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

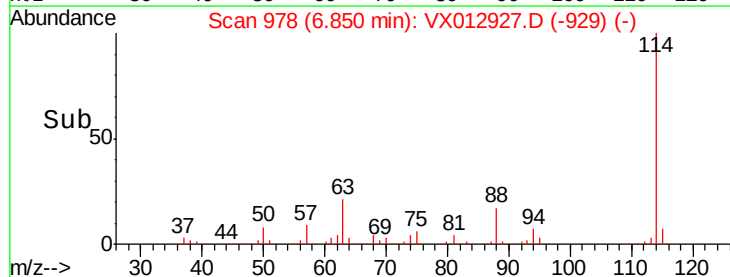
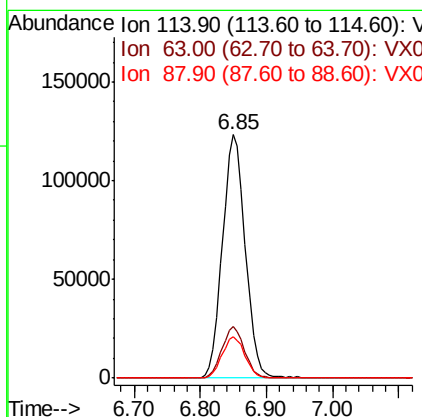
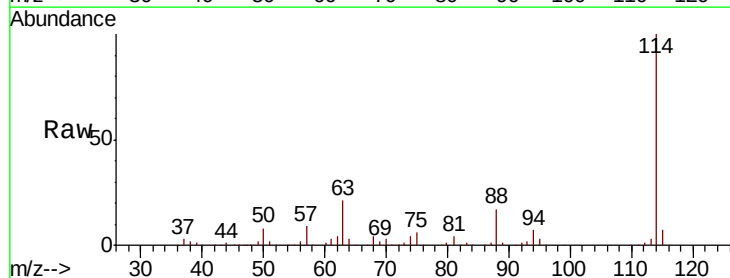
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

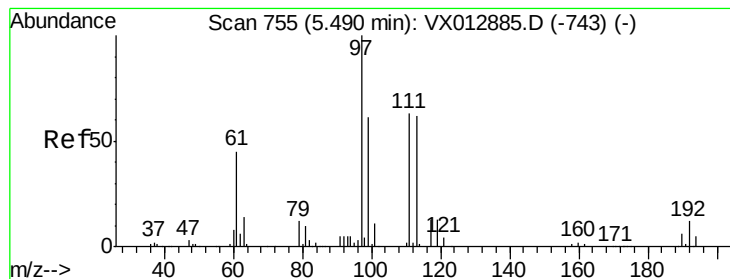
Tot Ion: 65 Resp: 111181
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 114 Resp: 294506
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.020 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

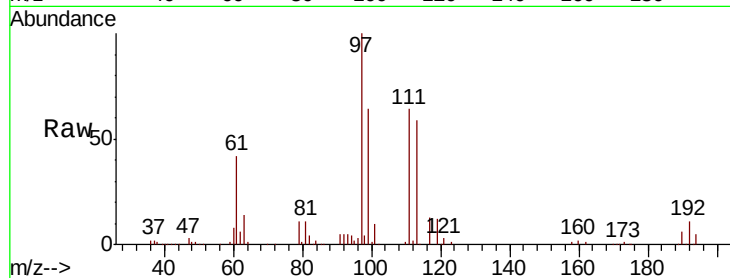
Tot Ion:113 Resp: 86239

Ion Ratio Lower Upper

113 100

111 104.5 83.2 124.8

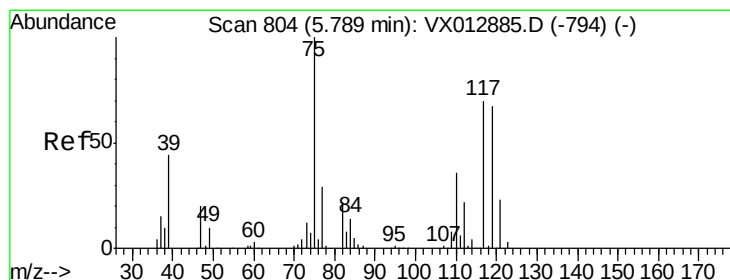
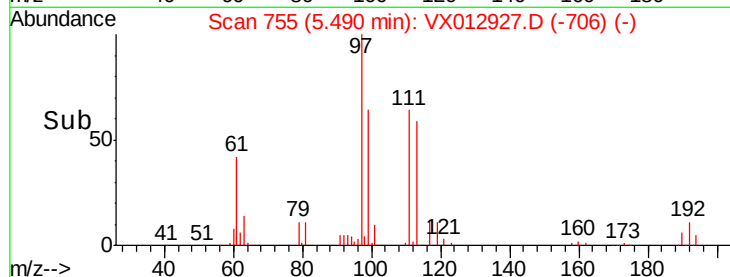
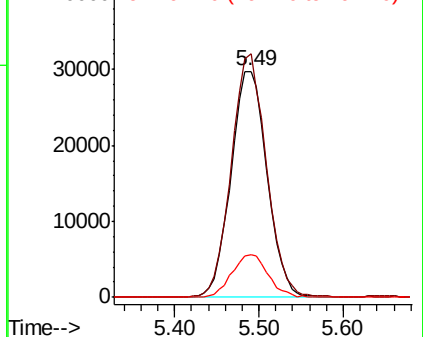
192 19.1 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.192 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

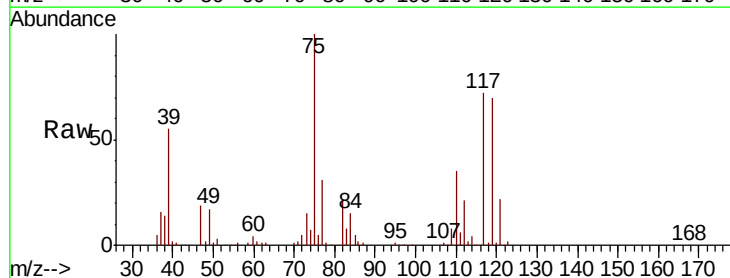
Tgt Ion: 75 Resp: 135141

Ion Ratio Lower Upper

75 100

110 35.4 17.6 52.9

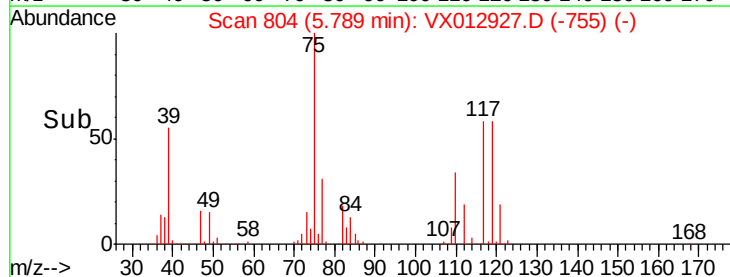
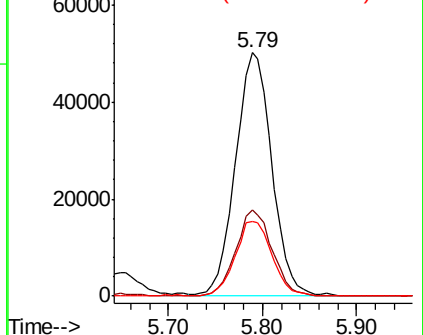
77 31.2 24.4 36.6

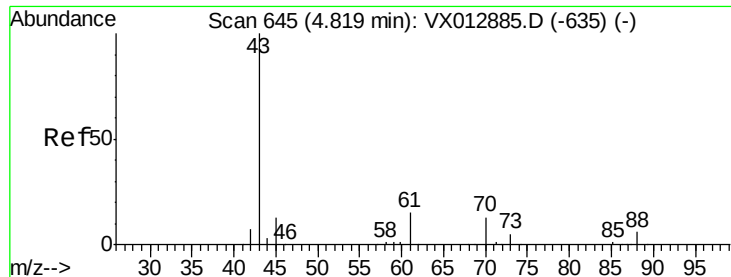


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

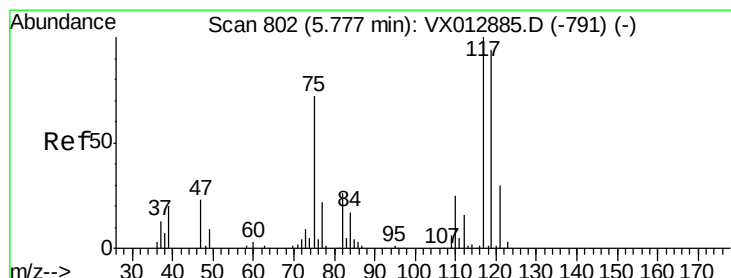
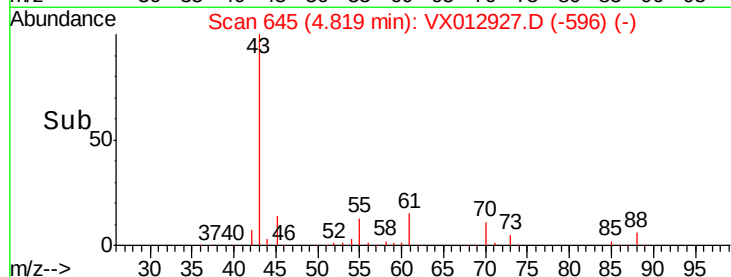
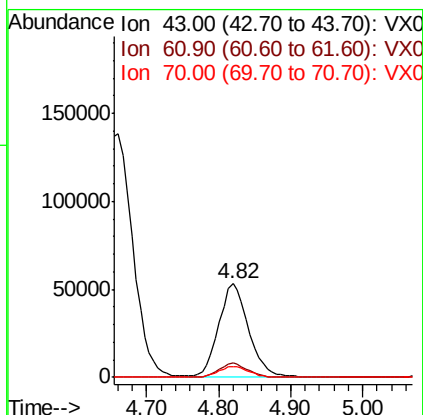
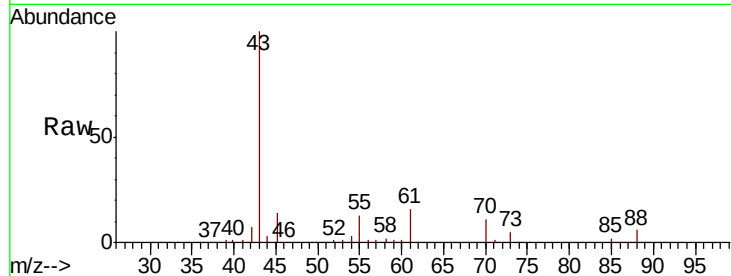




#37
Ethyl Acetate
Concen: 52.962 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

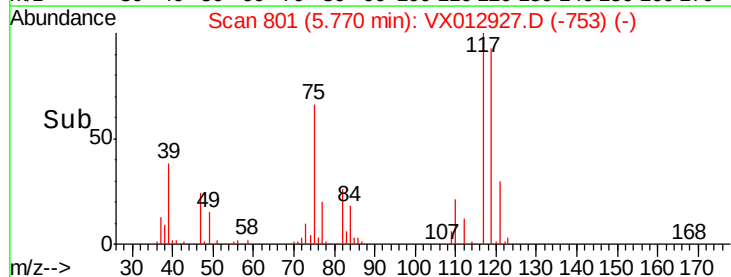
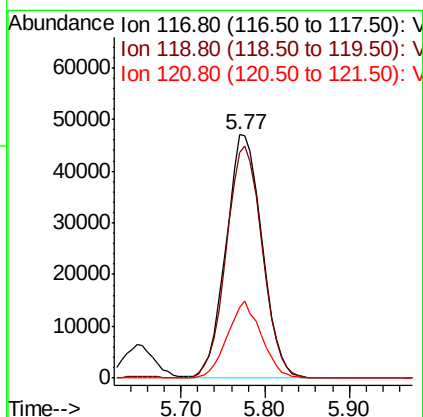
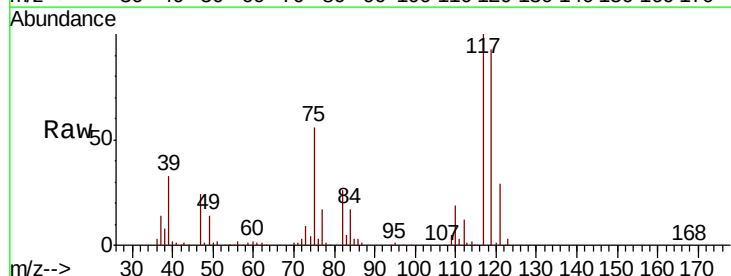
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

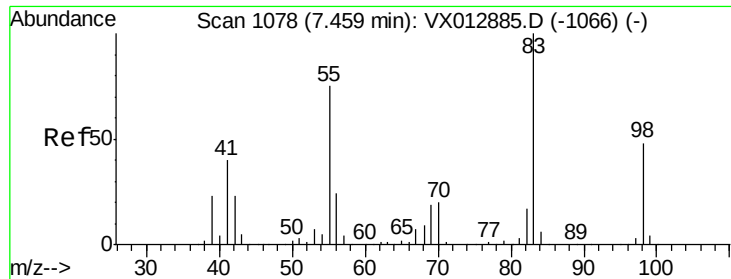
Tot Ion: 43 Resp: 153343
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 54.344 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 117 Resp: 136962
Ion Ratio Lower Upper
117 100
119 92.6 74.5 111.7
121 29.0 24.2 36.4

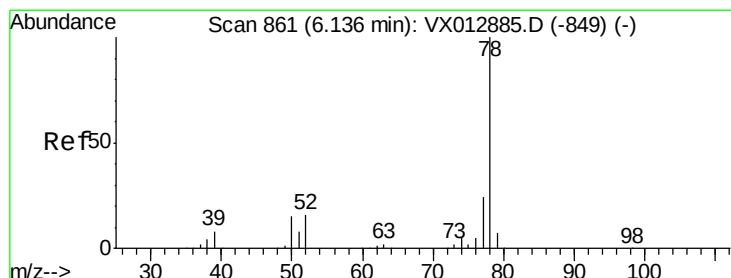
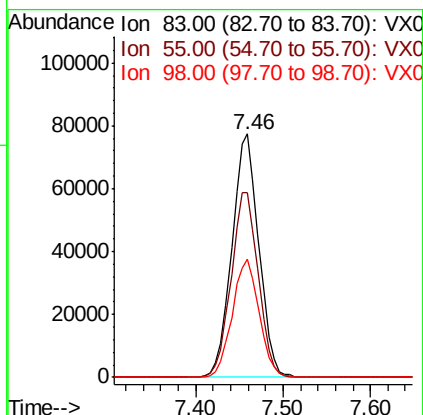
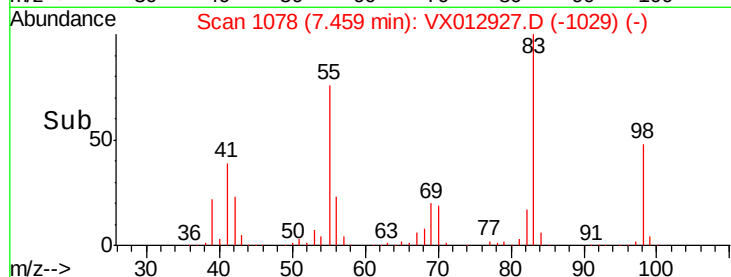
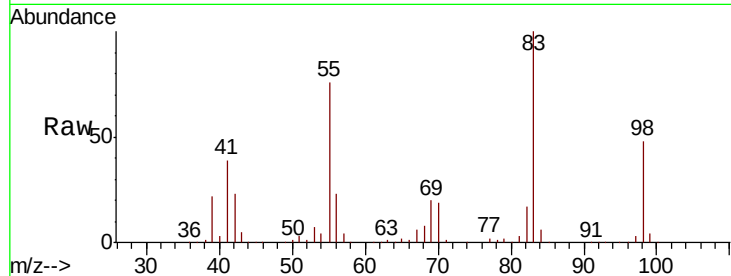




#39
Methylvlcyclohexane
Concen: 52.566 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

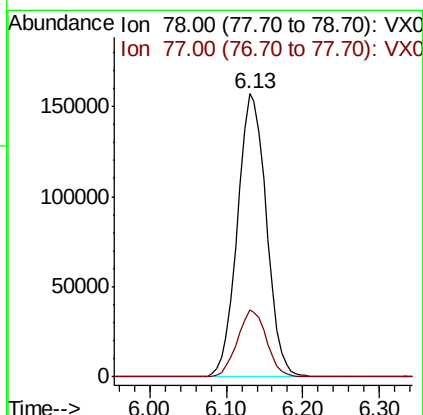
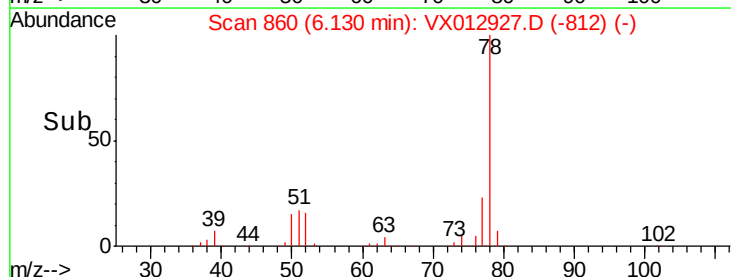
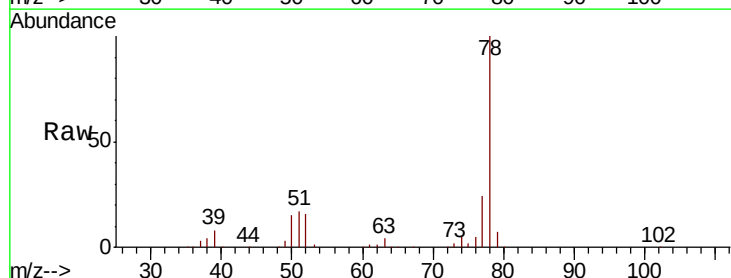
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

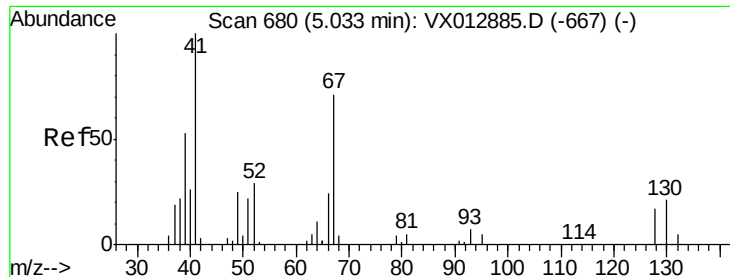
Tot Ion: 83 Resp: 165066
Ion Ratio Lower Upper
83 100
55 75.8 60.2 90.4
98 48.3 38.5 57.7



#40
Benzene
Concen: 53.914 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 78 Resp: 412308
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 52.777 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 83966

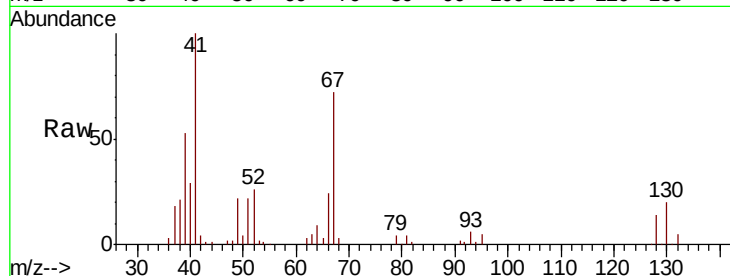
Ion Ratio Lower Upper

41 100

39 53.7 44.0 66.0

67 74.8 58.5 87.7

52 29.7 23.8 35.8

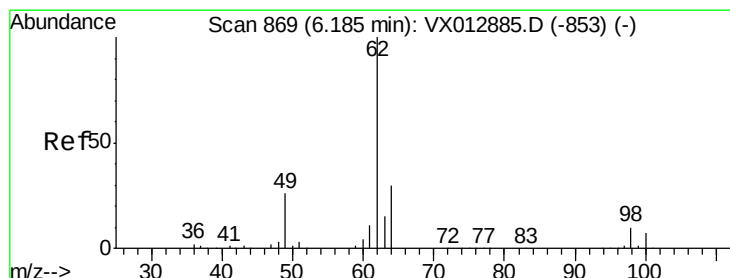
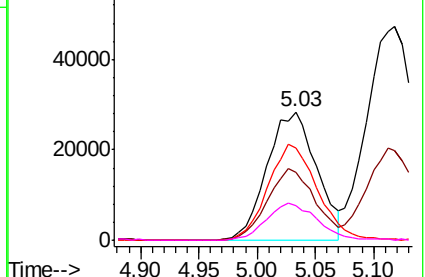
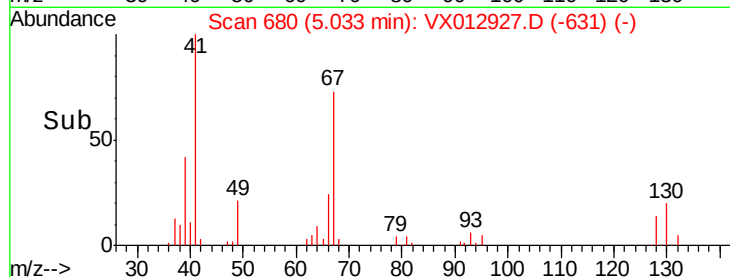


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.281 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012927.D

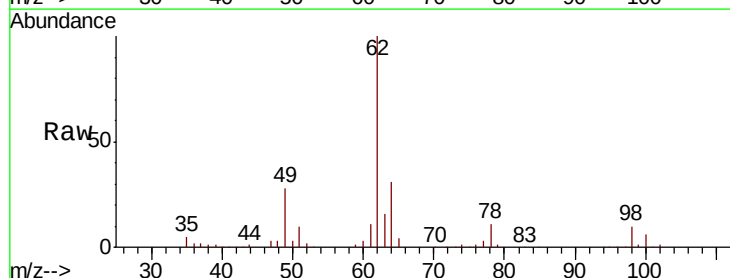
Acq: 09 Oct 2019 07:01

Tgt Ion: 62 Resp: 148957

Ion Ratio Lower Upper

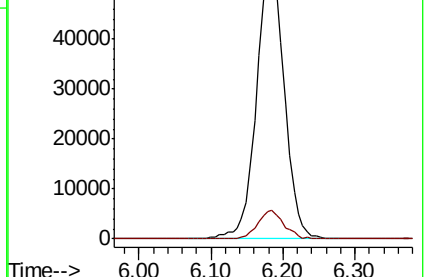
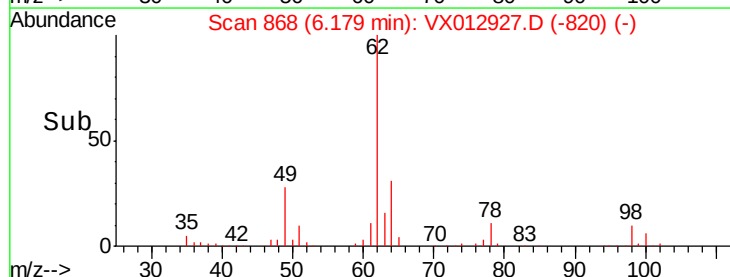
62 100

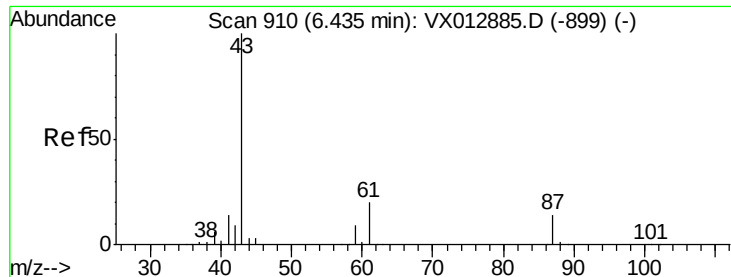
98 9.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.878 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

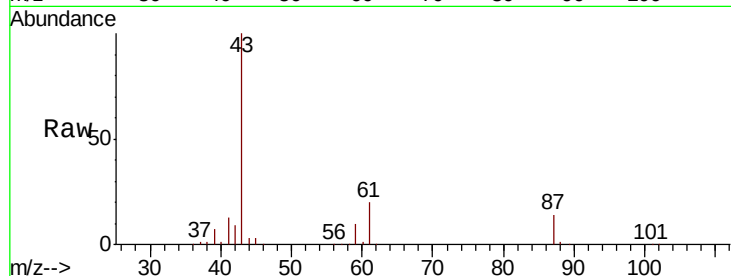
Tot Ion: 43 Resp: 250376

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

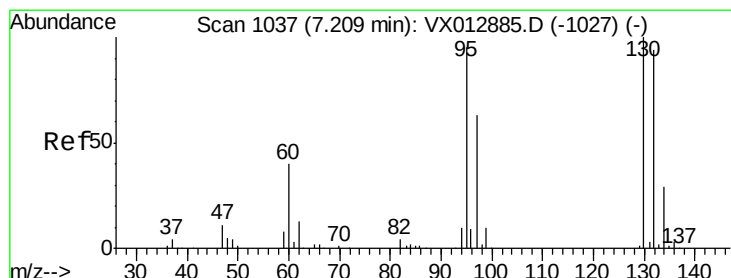
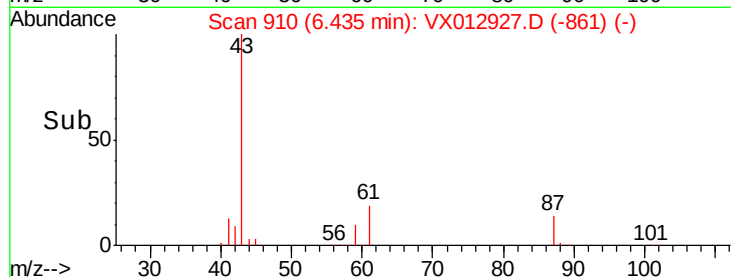
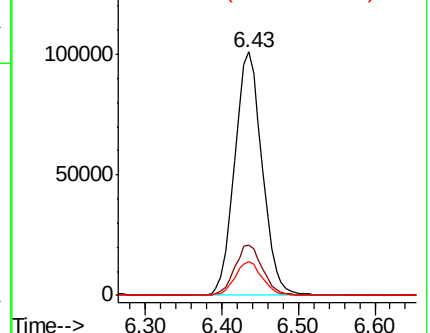
87 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.894 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012927.D

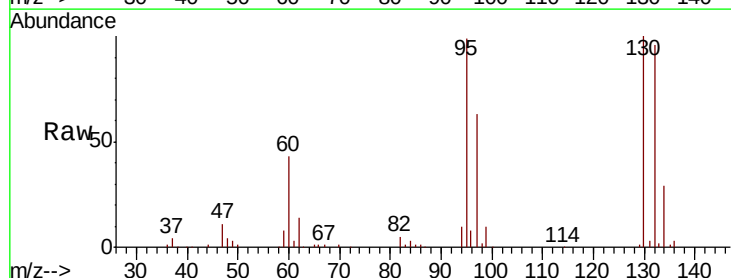
Acq: 09 Oct 2019 07:01

Tgt Ion:130 Resp: 107930

Ion Ratio Lower Upper

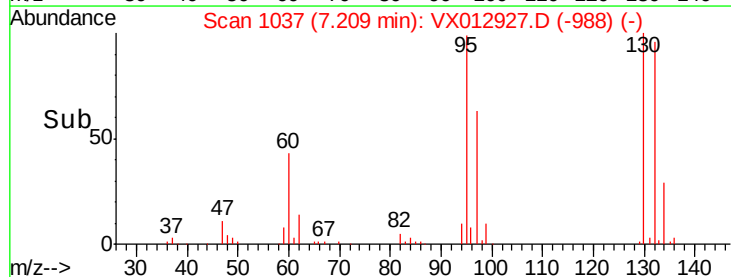
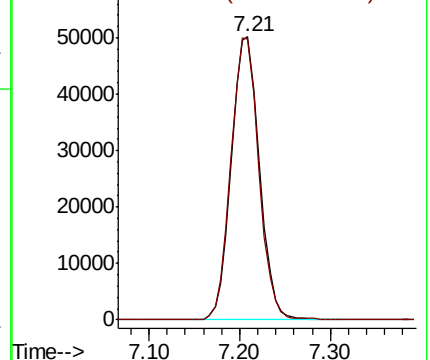
130 100

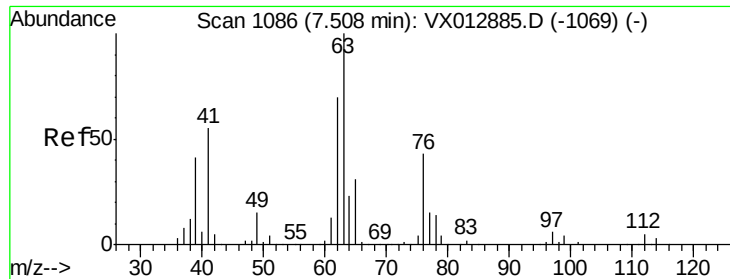
95 99.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

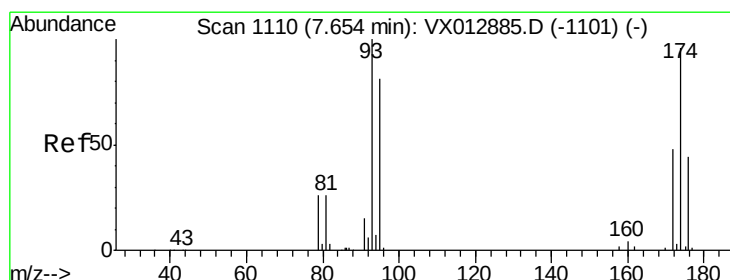
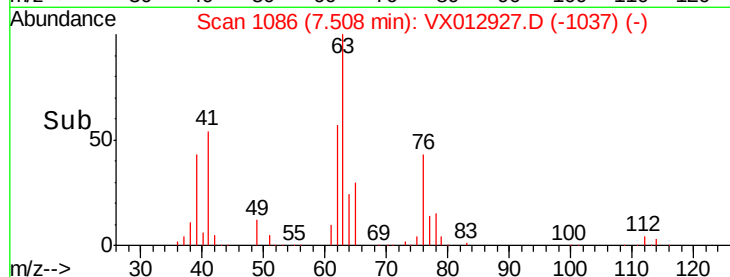
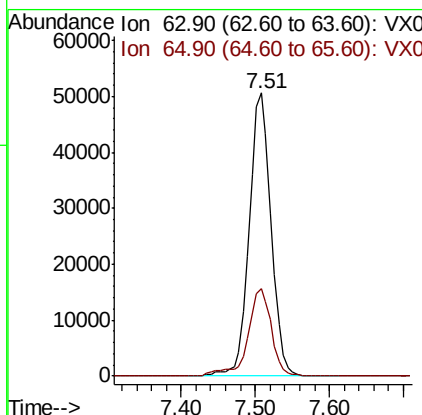
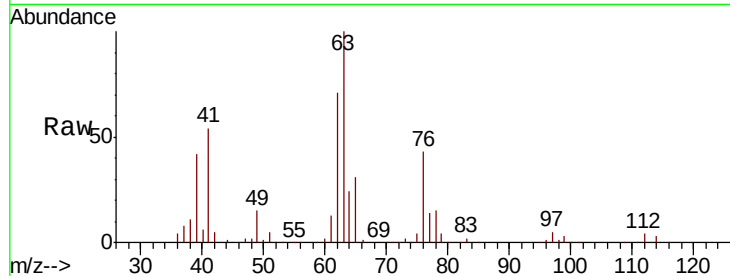




#45
 1,2-Dichloropropane
 Concen: 53.456 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

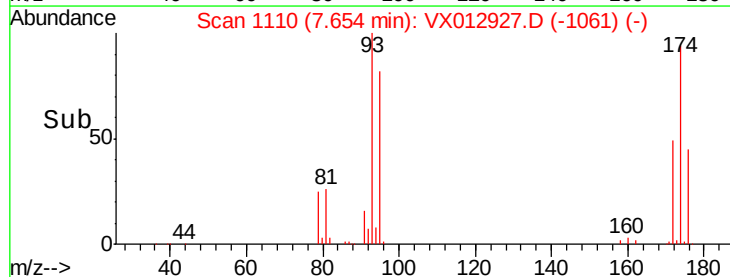
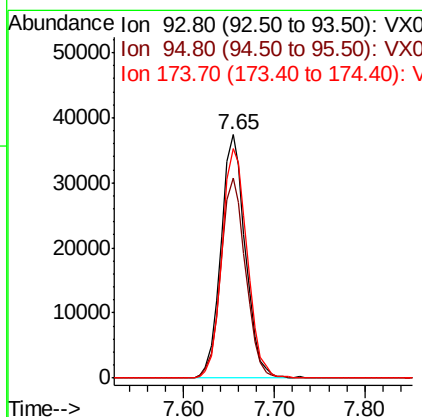
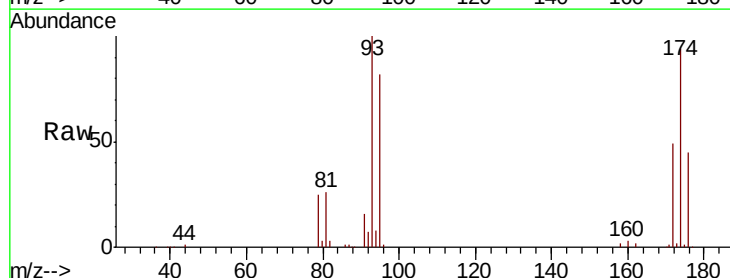
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

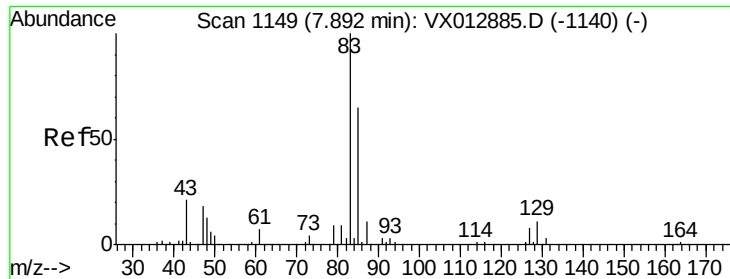
Tot Ion: 63 Resp: 104191
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 54.026 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 93 Resp: 70159
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.3 99.5
 174 97.1 77.8 116.6





#47

Bromodichloromethane

Concen: 55.106 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

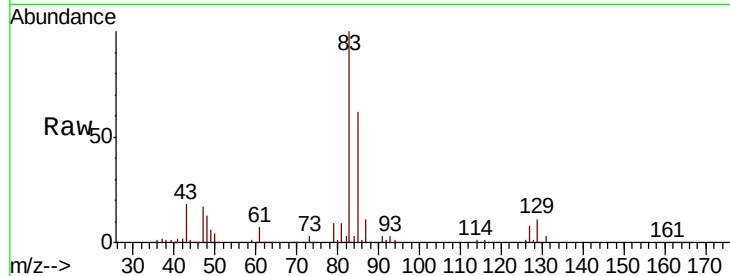
Tot Ion: 83 Resp: 139653

Ion Ratio Lower Upper

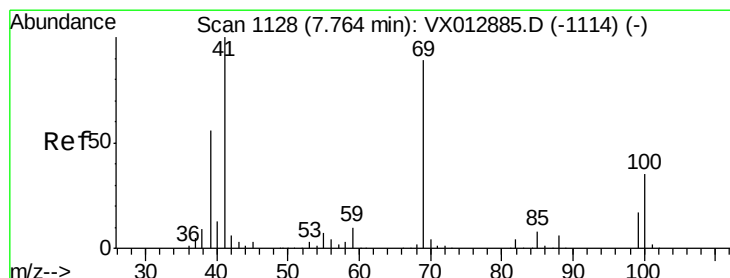
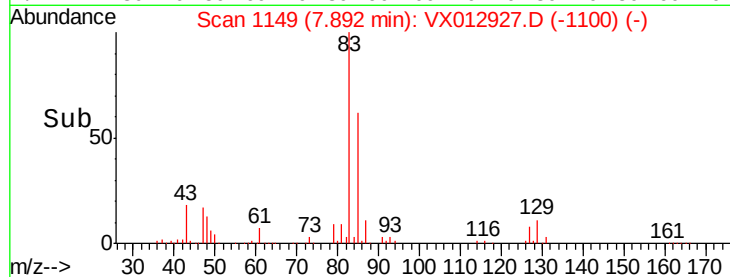
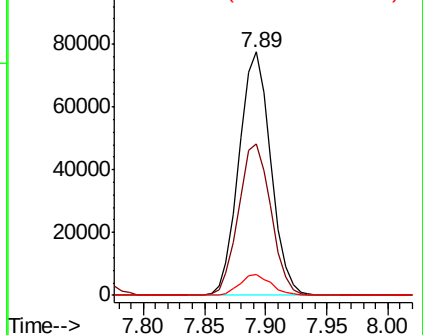
83 100

85 62.2 52.4 78.6

127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.583 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

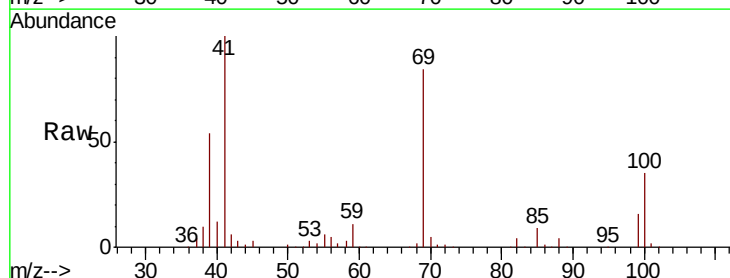
Tgt Ion: 41 Resp: 121343

Ion Ratio Lower Upper

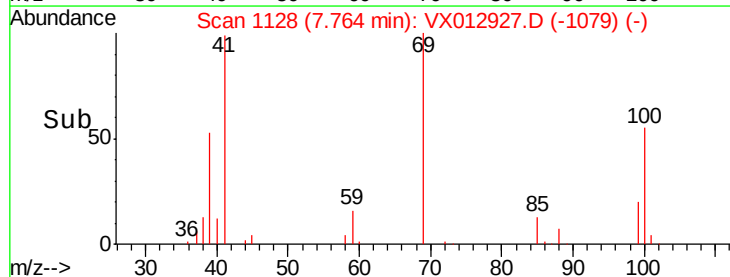
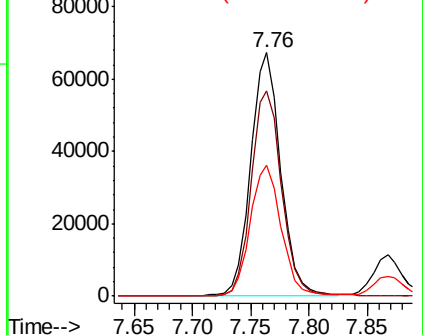
41 100

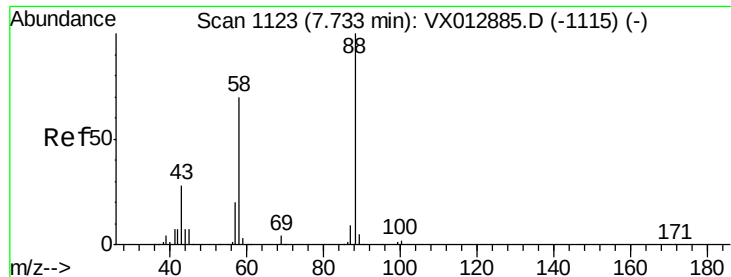
69 86.0 68.7 103.1

39 55.6 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 994.685 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

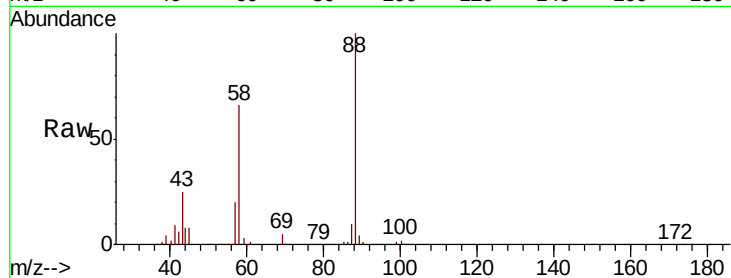
Tot Ion: 88 Resp: 60437

Ion Ratio Lower Upper

88 100

43 31.0 25.0 37.6

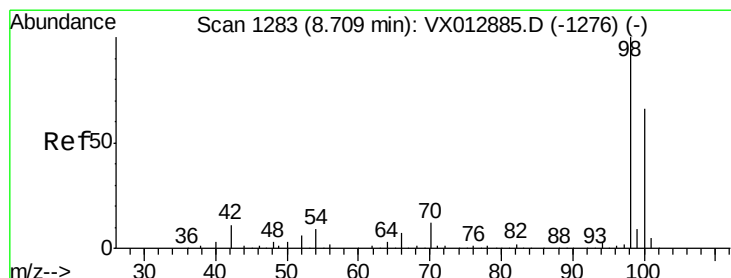
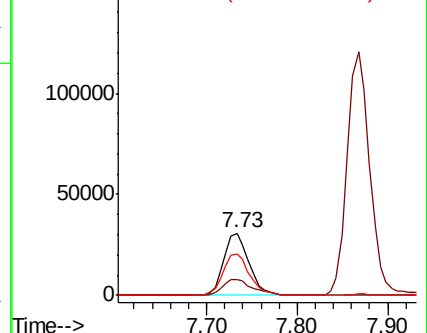
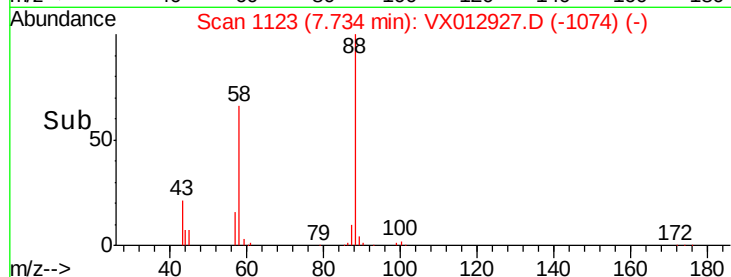
58 69.5 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.265 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012927.D

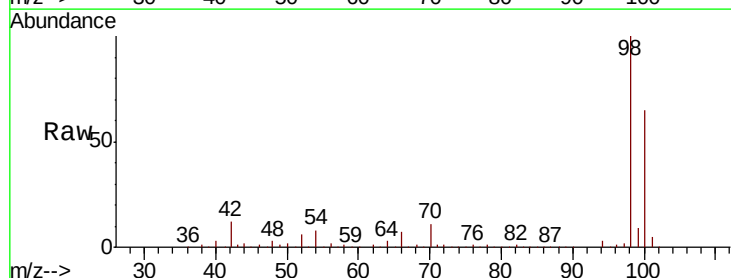
Acq: 09 Oct 2019 07:01

Tgt Ion: 98 Resp: 331380

Ion Ratio Lower Upper

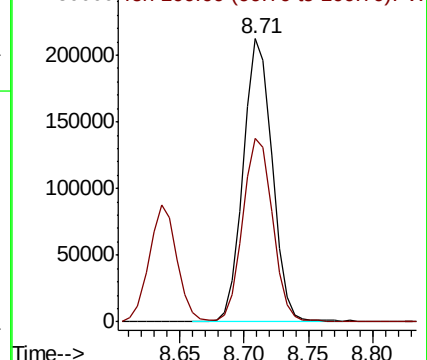
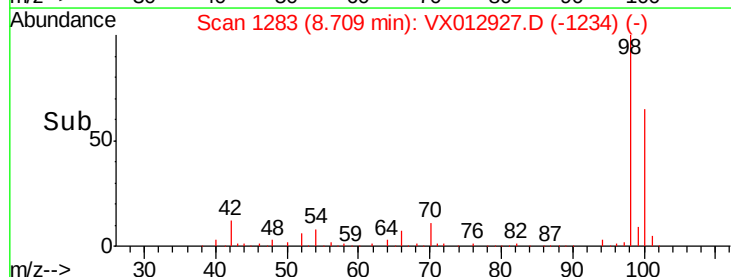
98 100

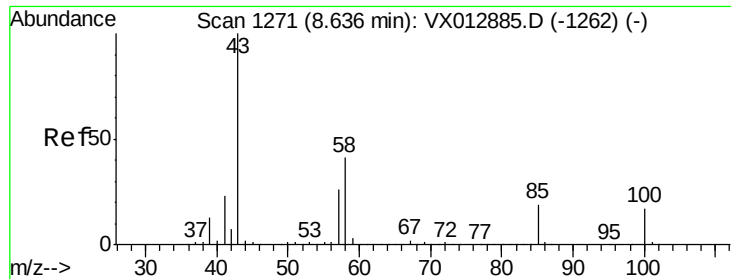
100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

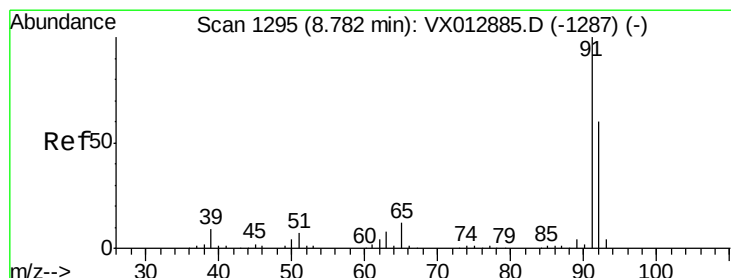
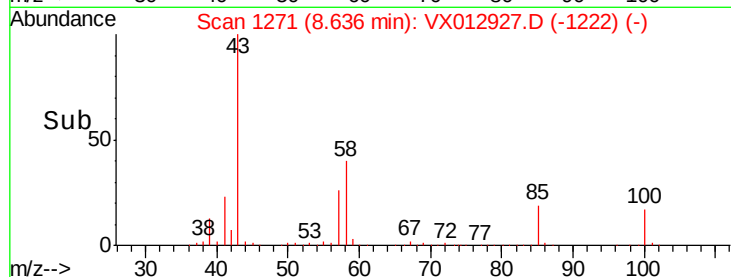
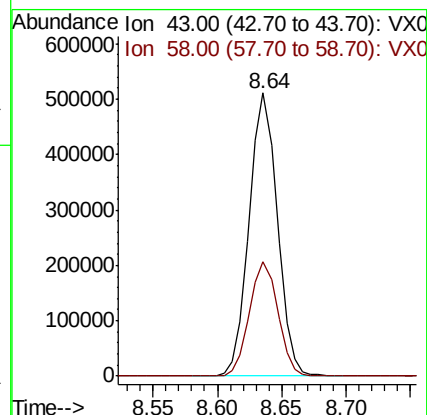
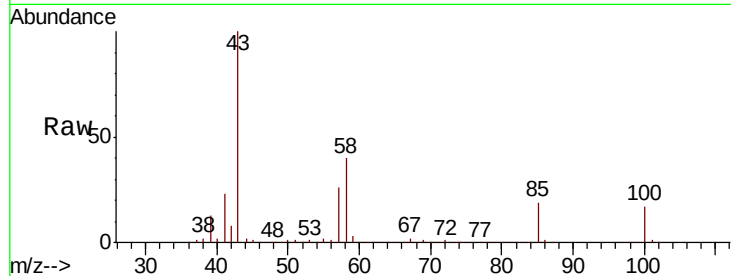




#51
4-Methyl-2-Pentanone
Concen: 267.250 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

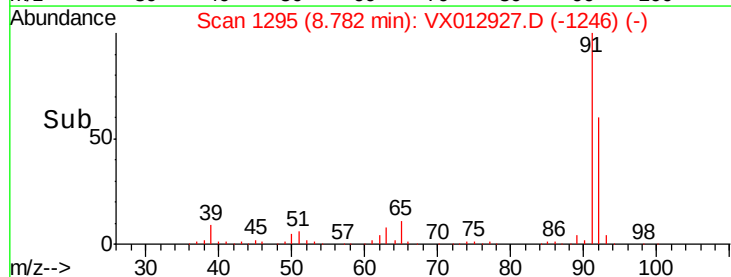
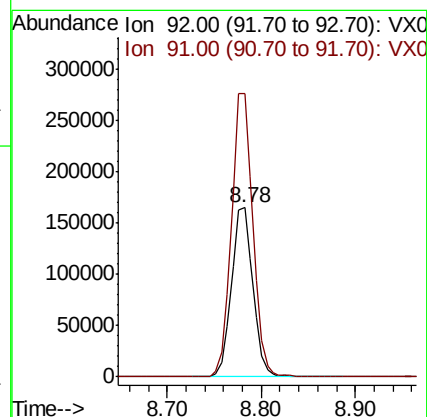
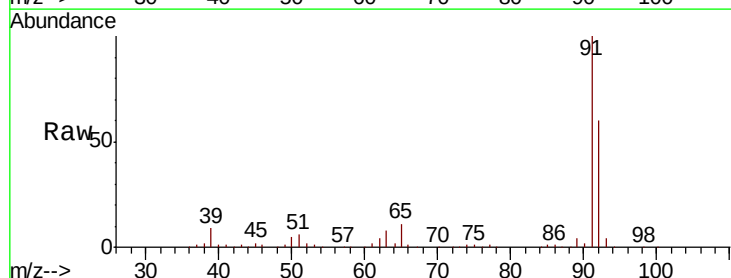
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

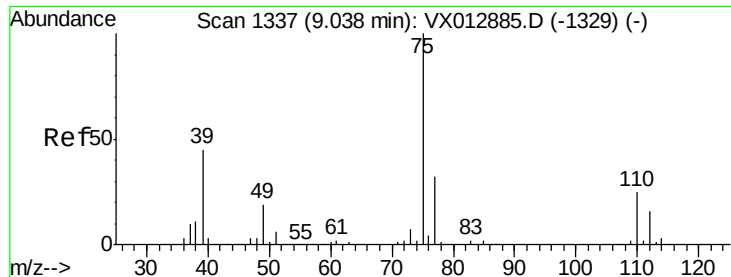
Tot Ion: 43 Resp: 774324
Ion Ratio Lower Upper
43 100
58 40.7 32.4 48.6



#52
Toluene
Concen: 53.203 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 92 Resp: 260301
Ion Ratio Lower Upper
92 100
91 167.0 135.9 203.9

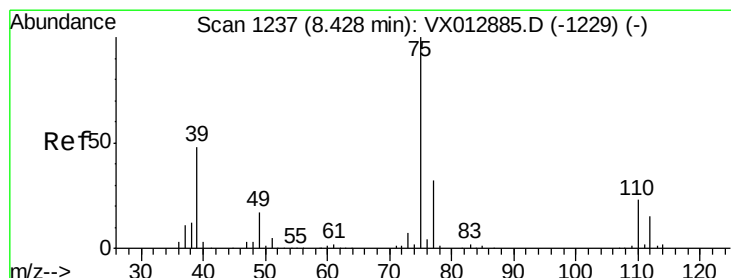
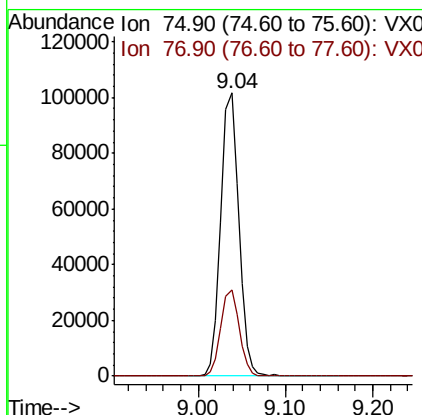
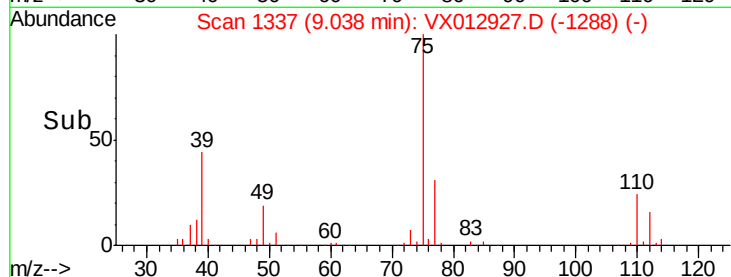
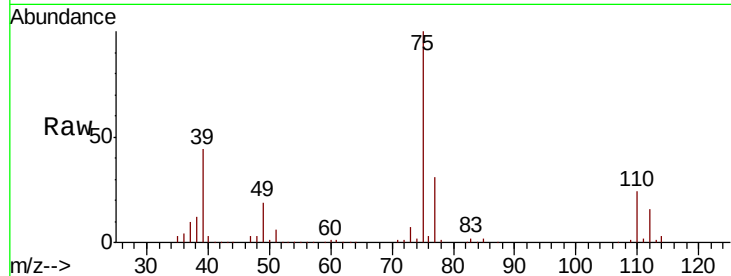




#53
t-1,3-Dichloropropene
Concen: 46.307 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

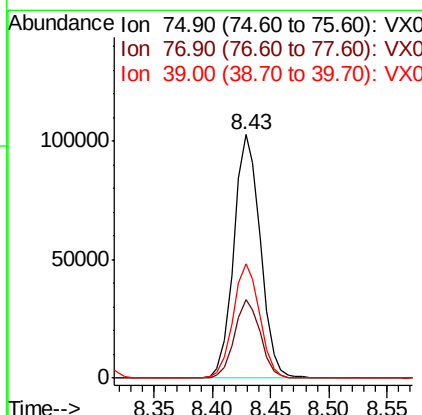
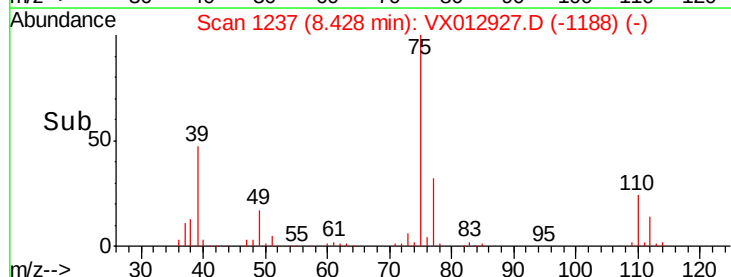
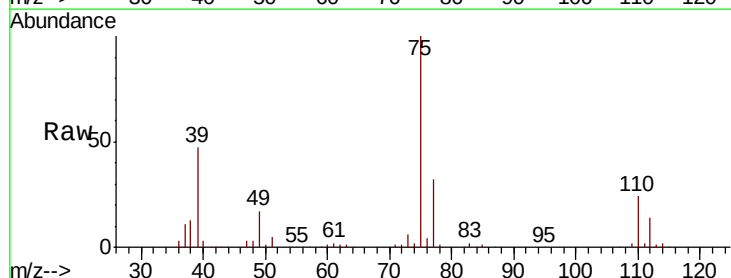
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

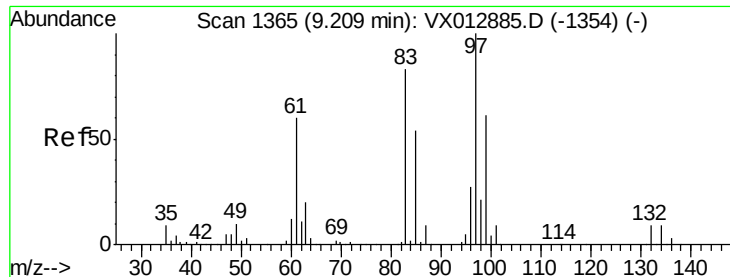
Tot Ion: 75 Resp: 145923
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 52.403 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 75 Resp: 163337
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
39 46.9 38.2 57.2

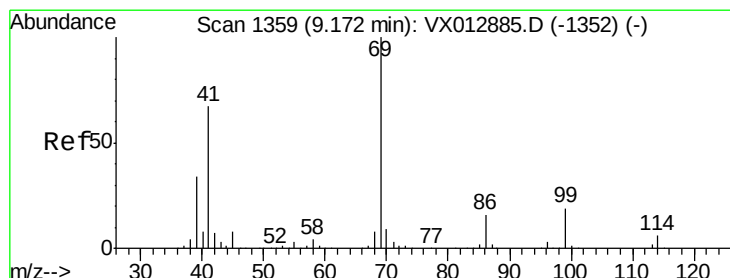
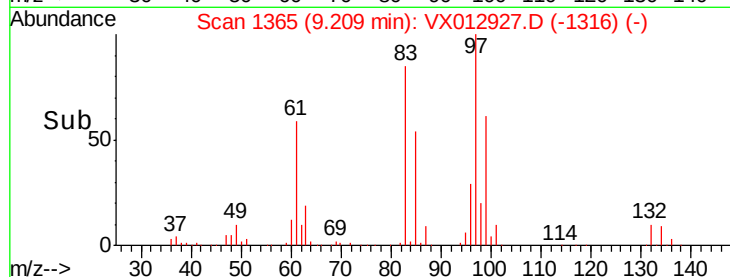
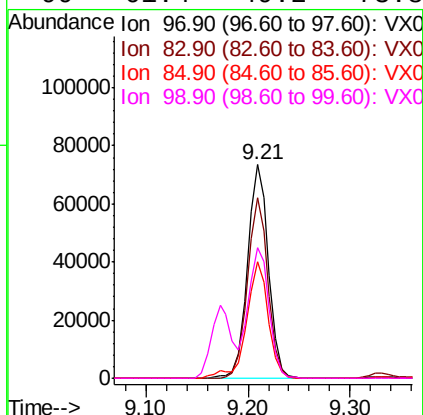
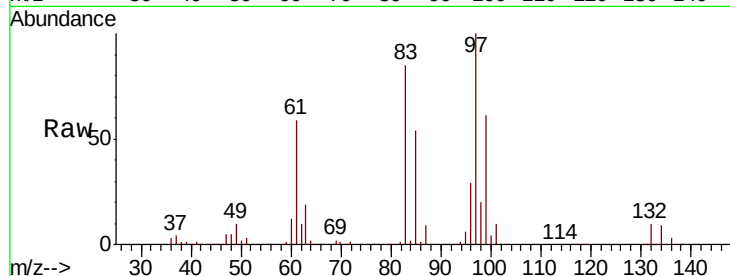




#55
 1,1,2-Trichloroethane
 Concen: 54.101 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

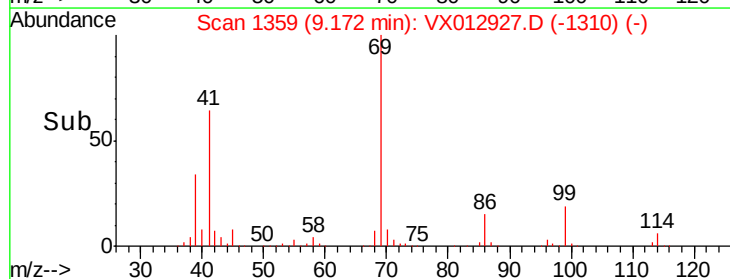
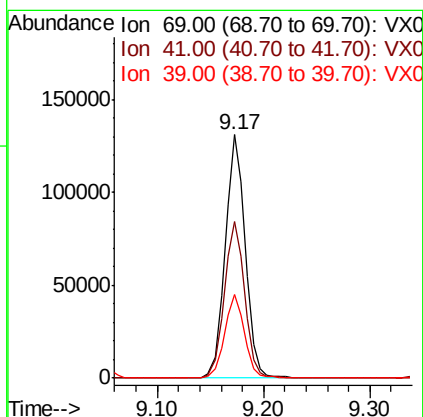
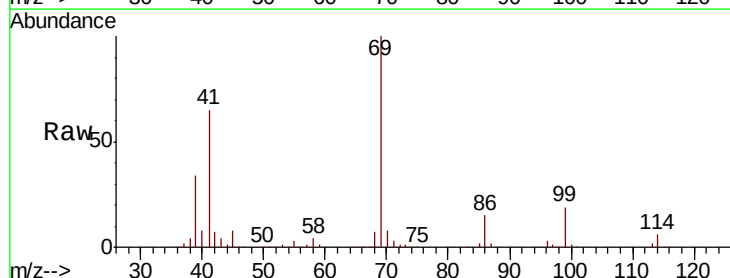
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

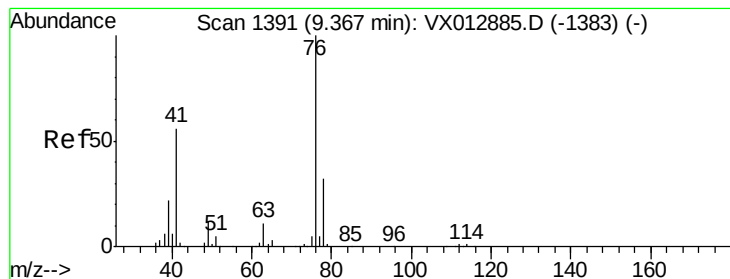
Tot Ion:	97	Resp:	104750
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.5	99.7
85	54.4	43.1	64.7
99	61.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 49.866 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion:	69	Resp:	172875
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.1	78.1
39	34.1	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.062 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

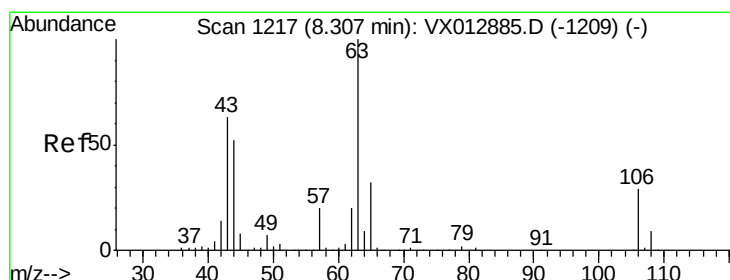
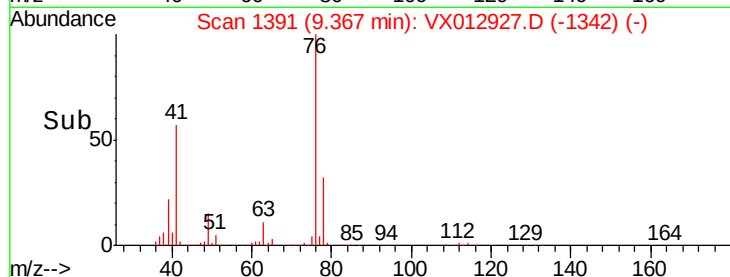
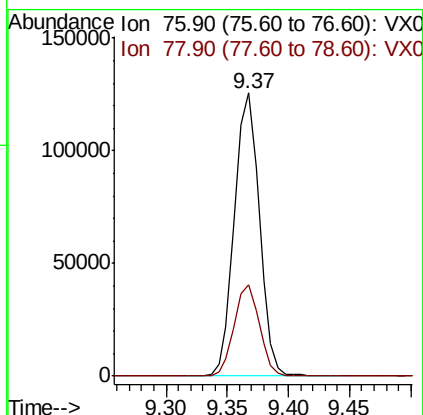
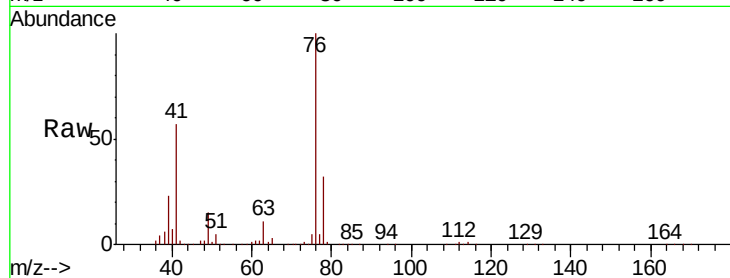
VSTDCCC050EC

Tot Ion: 76 Resp: 177719

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 267.931 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012927.D

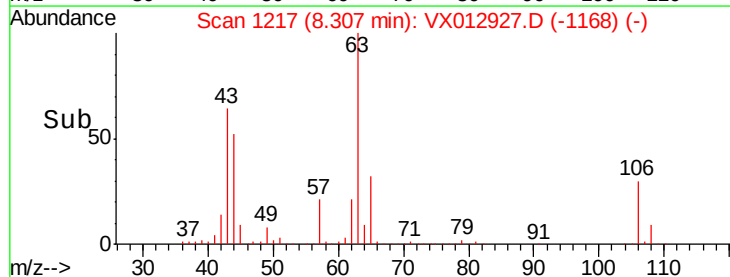
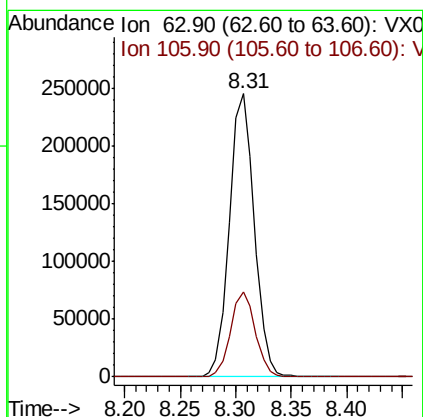
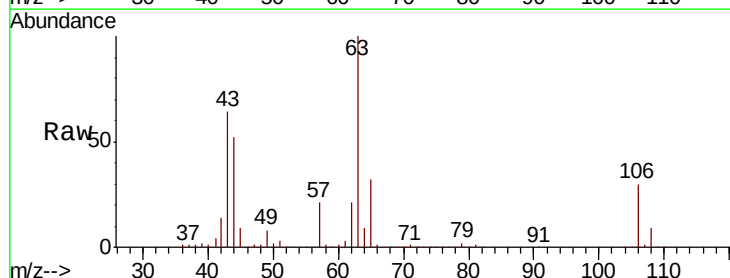
Acq: 09 Oct 2019 07:01

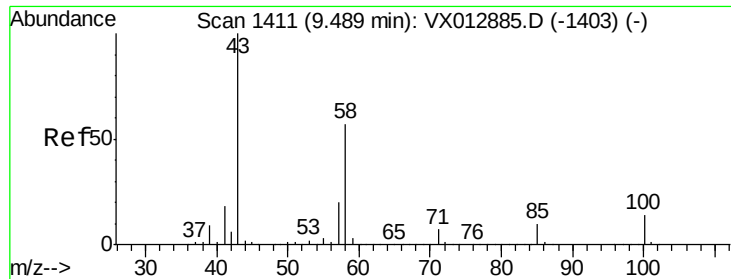
Tgt Ion: 63 Resp: 381100

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

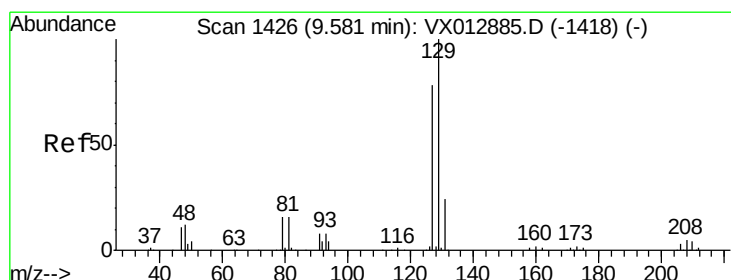
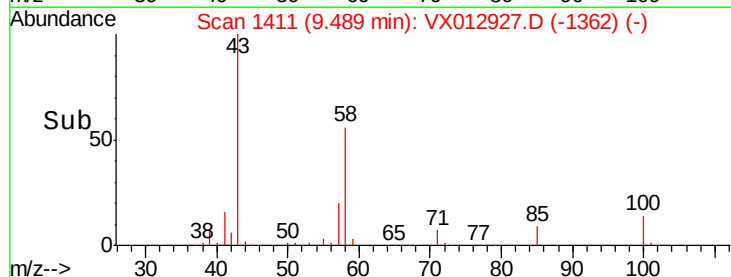
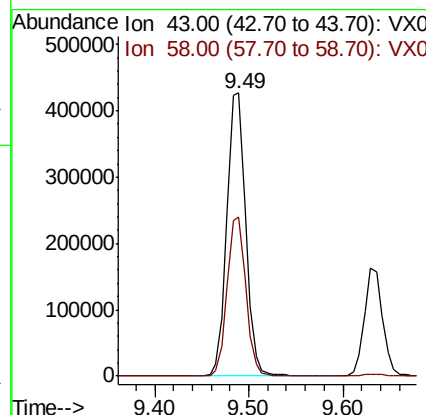
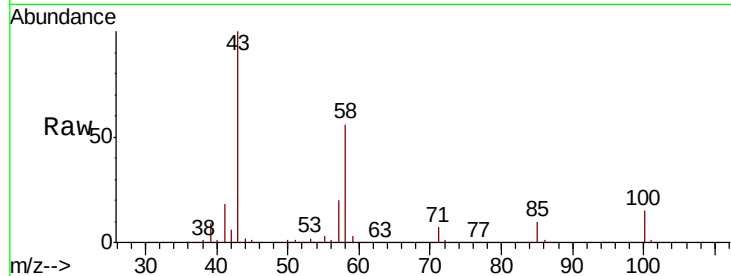




#59
2-Hexanone
Concen: 263.667 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

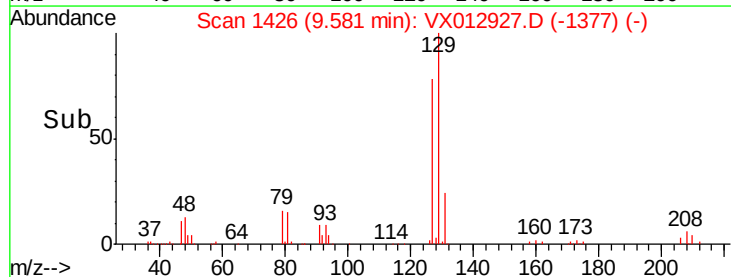
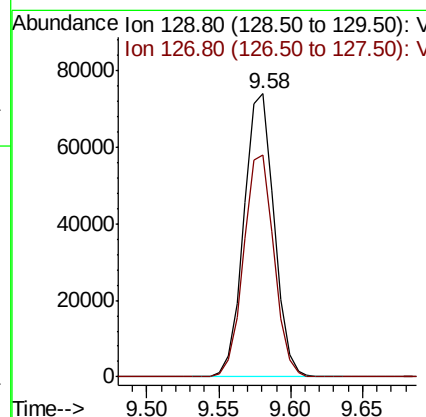
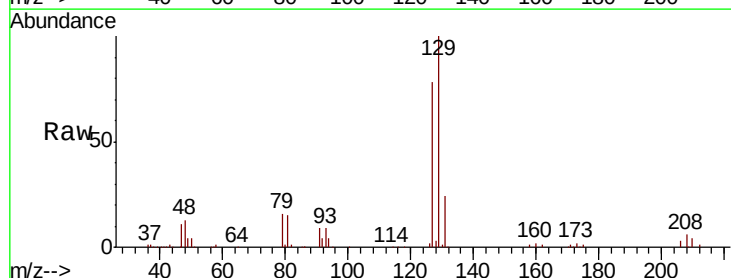
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

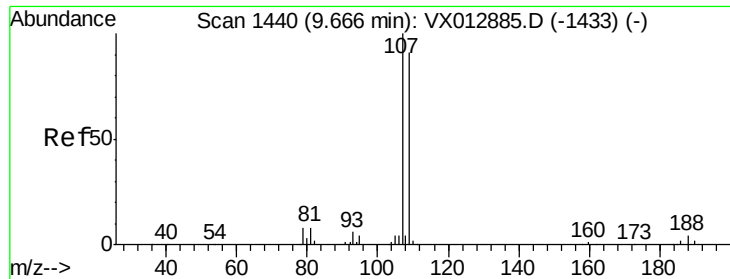
Tot Ion: 43 Resp: 594680
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 49.810 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 129 Resp: 107308
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.584 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

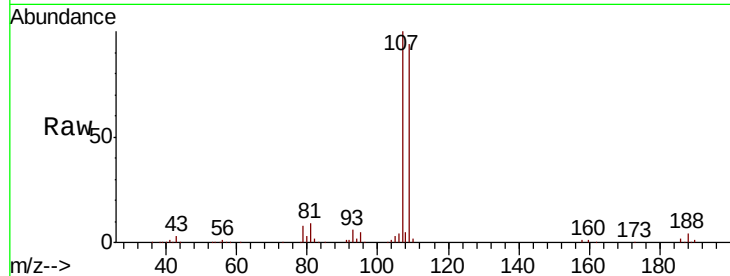
VSTDCCC050EC

Tot Ion:107 Resp: 109139

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

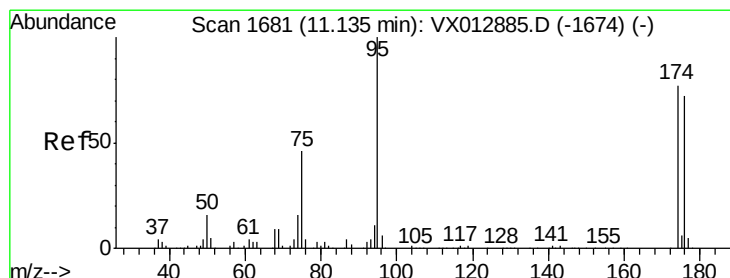
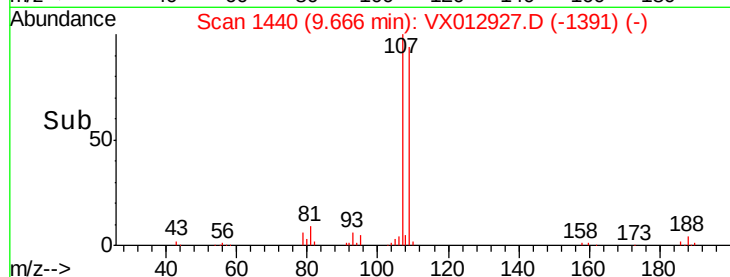
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.971 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

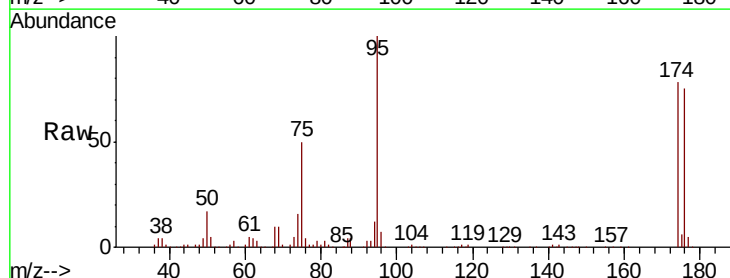
Tgt Ion: 95 Resp: 128006

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 69.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

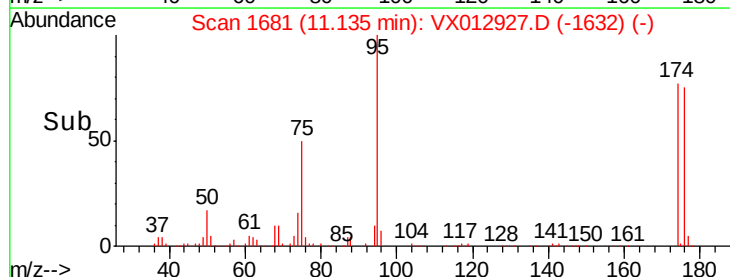
40000

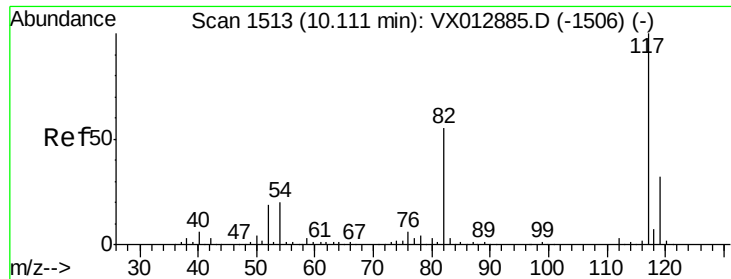
20000

0

11.10 11.14 11.20

Time-->

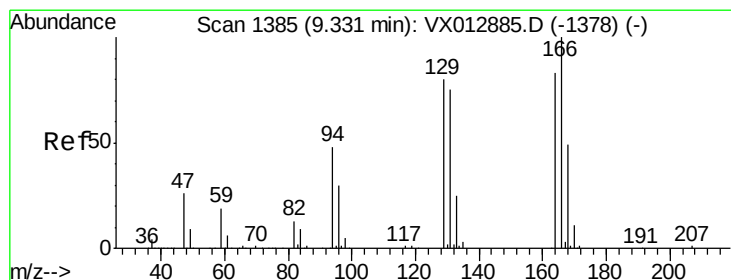
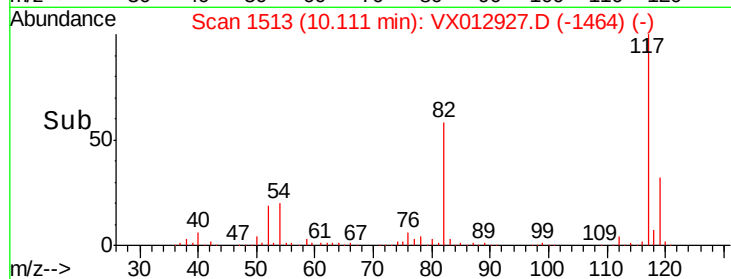
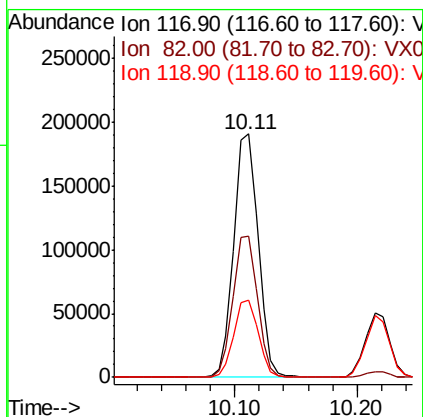
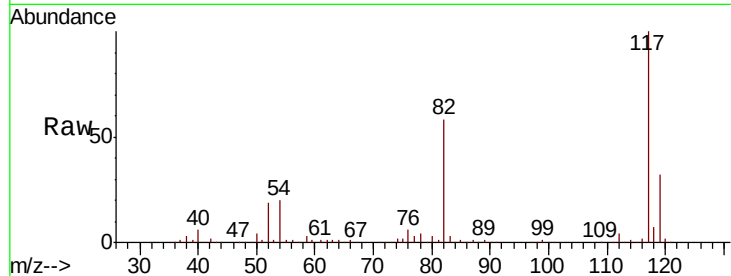




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

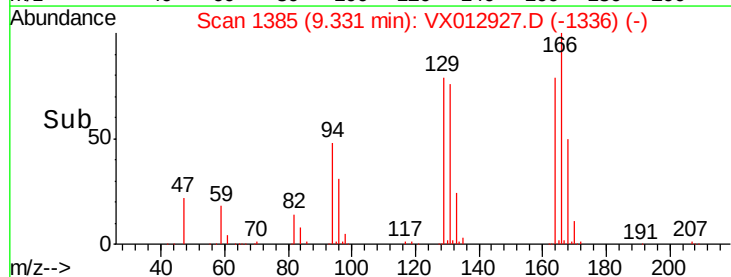
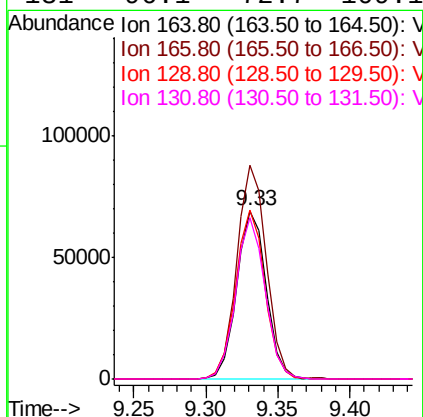
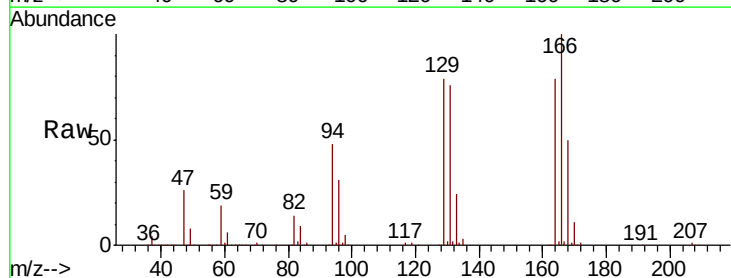
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

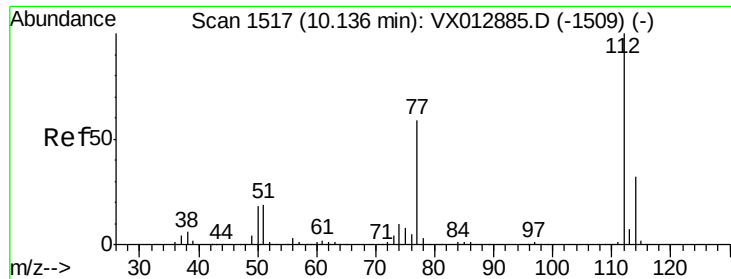
Tot Ion:117 Resp: 263666
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 53.805 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:164 Resp: 98397
Ion Ratio Lower Upper
164 100
166 127.2 96.9 145.3
129 100.7 77.9 116.9
131 96.1 72.7 109.1

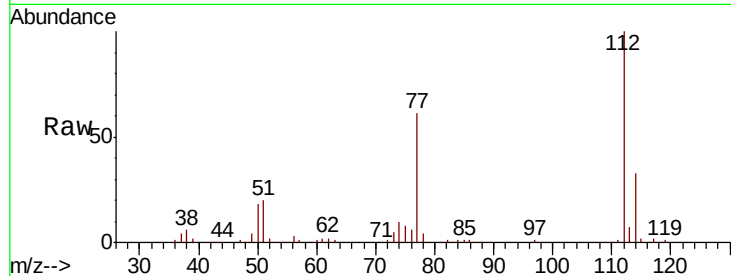




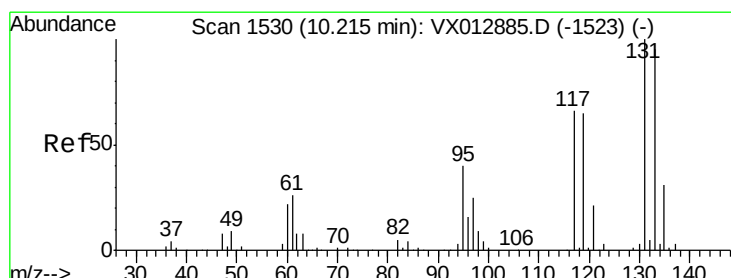
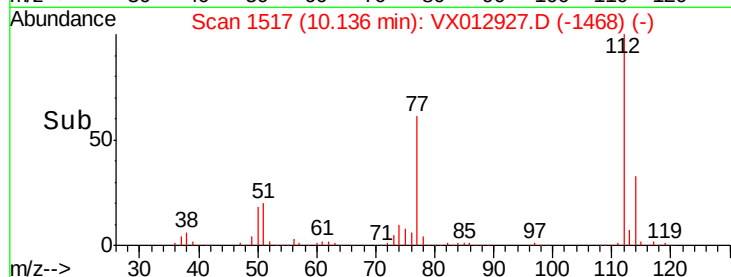
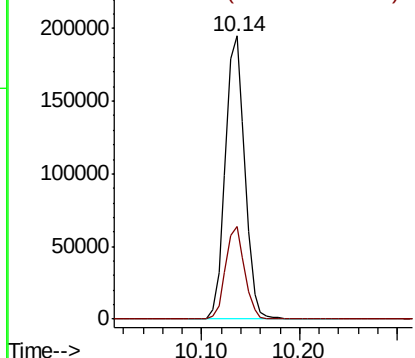
#65
Chlorobenzene
Concen: 51.501 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 269660
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

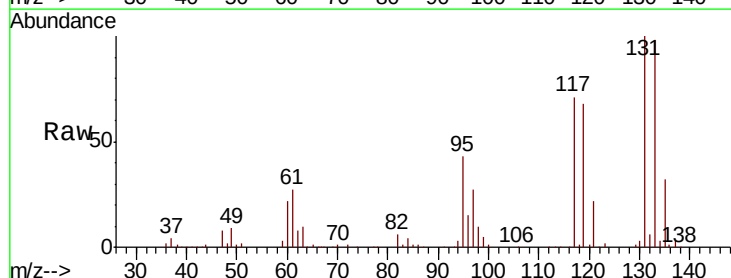


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

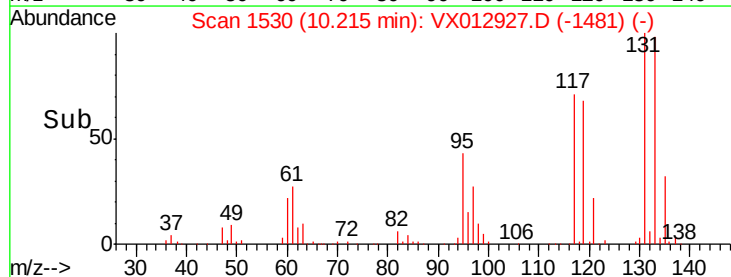
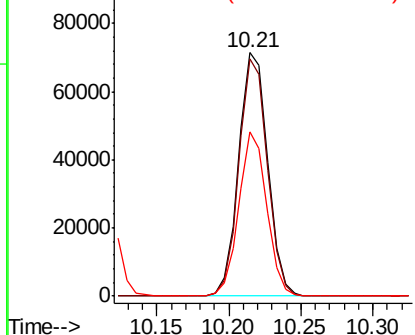


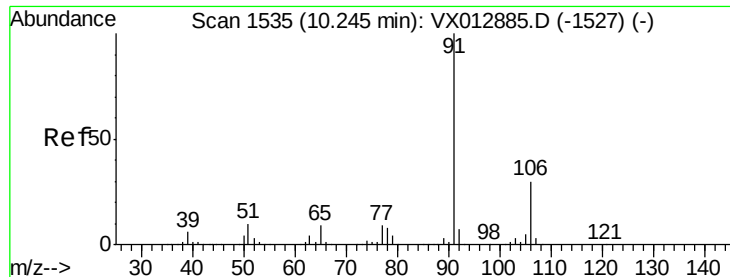
#66
1,1,1,2-Tetrachloroethane
Concen: 55.081 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:131 Resp: 99997
Ion Ratio Lower Upper
131 100
133 95.3 47.2 141.6
119 64.8 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

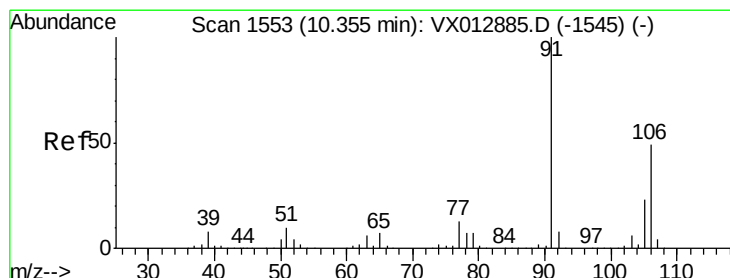
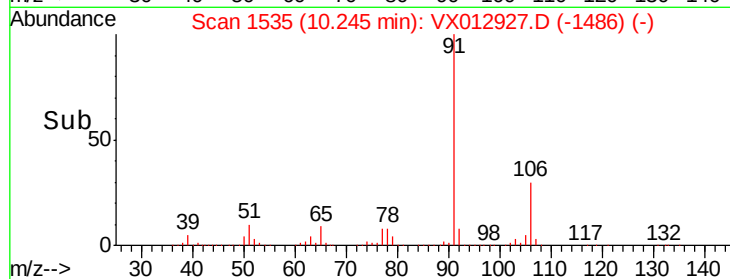
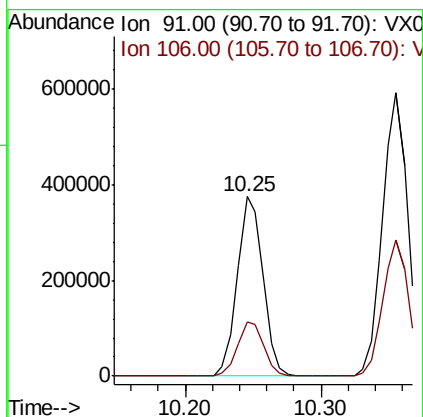
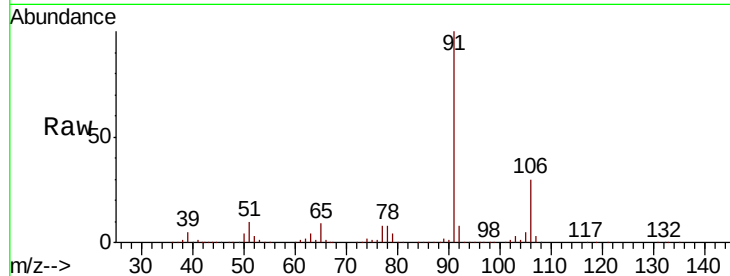




#67
Ethyl Benzene
Concen: 53.094 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

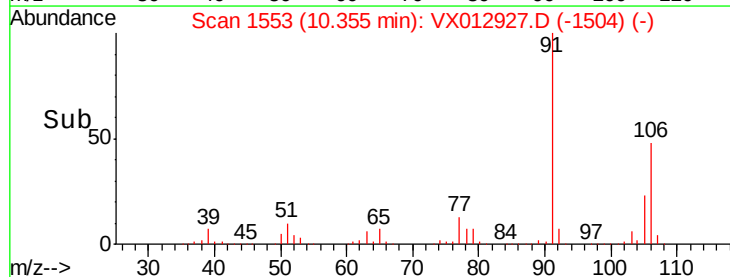
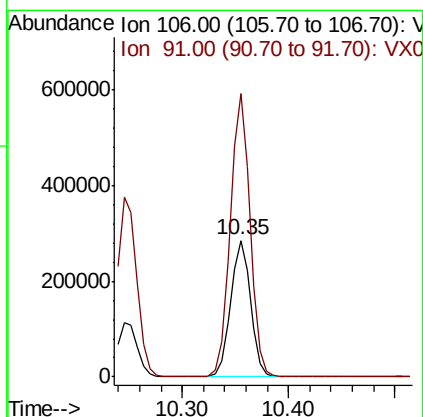
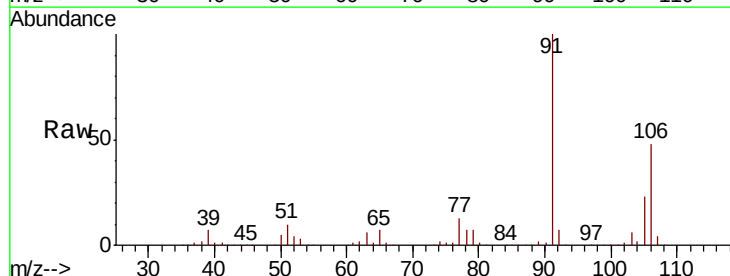
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

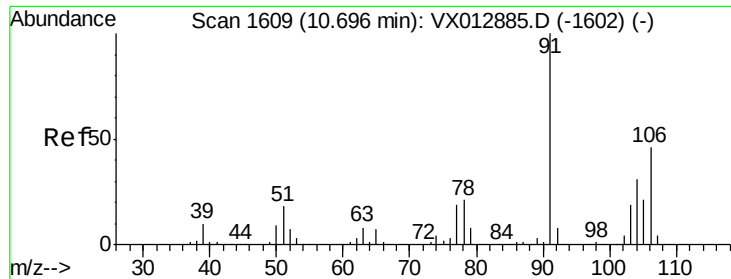
Tot Ion: 91 Resp: 493807
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 107.857 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 106 Resp: 374756
Ion Ratio Lower Upper
106 100
91 205.9 165.3 247.9

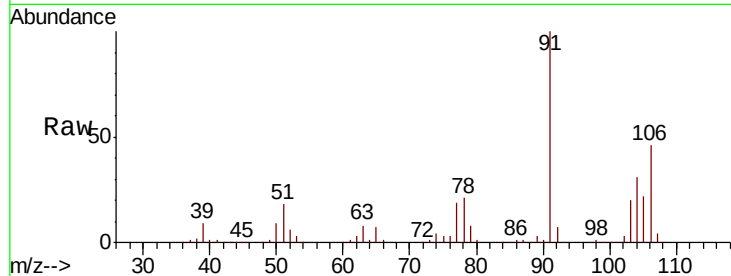




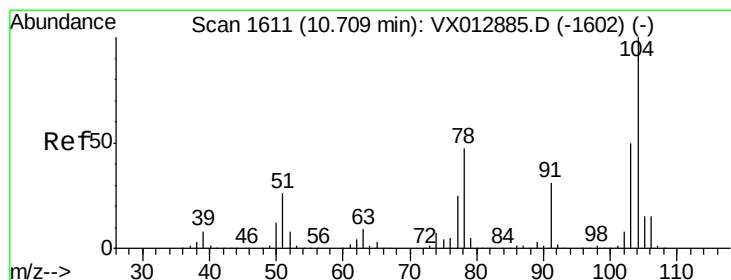
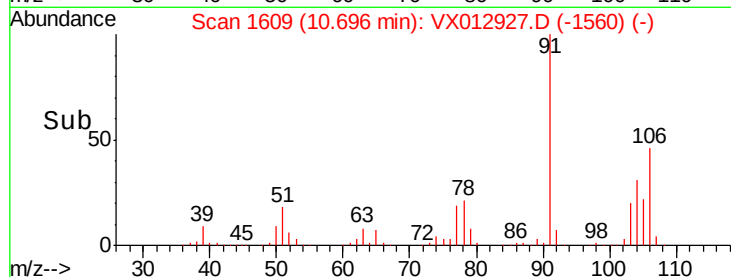
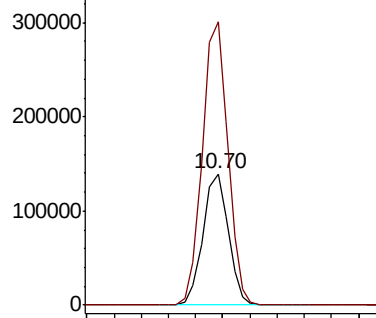
#69
o-Xylene
Concen: 53.765 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 182172
Ion Ratio Lower Upper
106 100
91 215.8 109.1 327.3

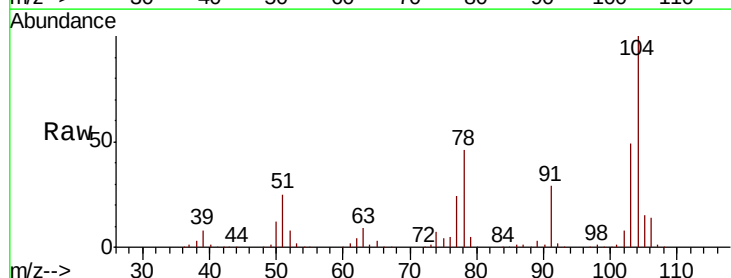


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

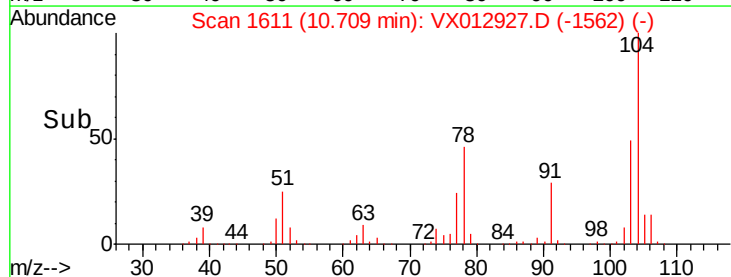
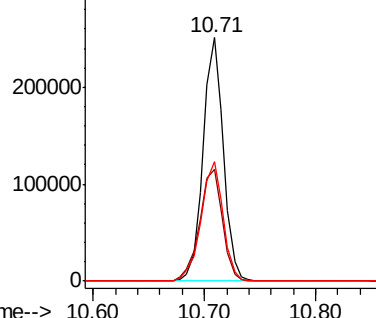


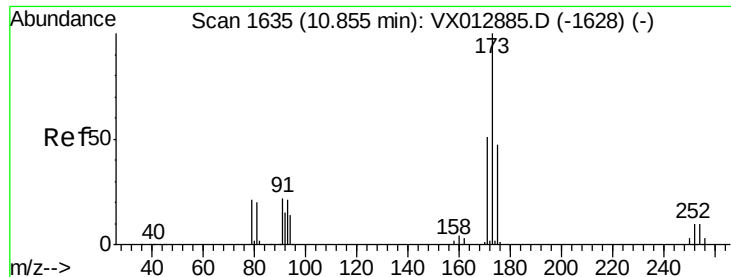
#70
Styrene
Concen: 54.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:104 Resp: 315360
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 53.4 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.441 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

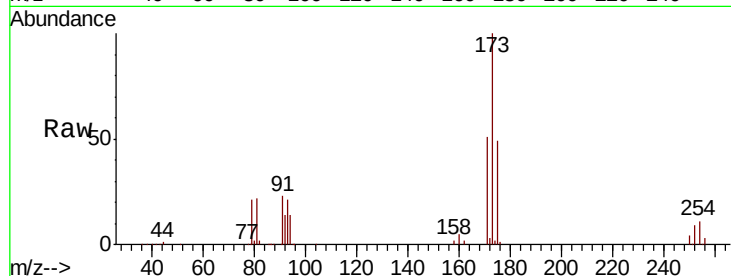
Tot Ion:173 Resp: 73106

Ion Ratio Lower Upper

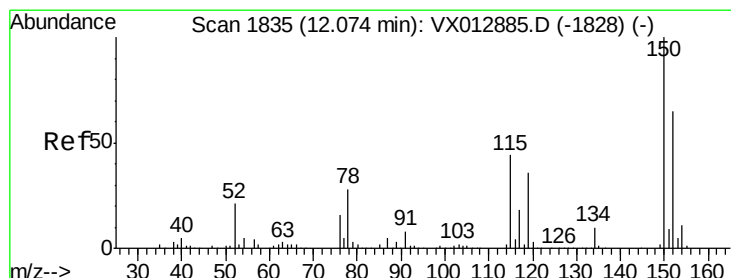
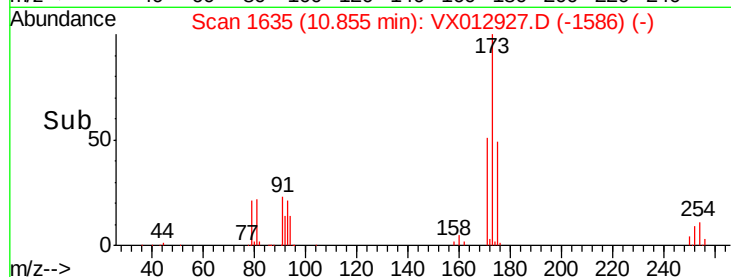
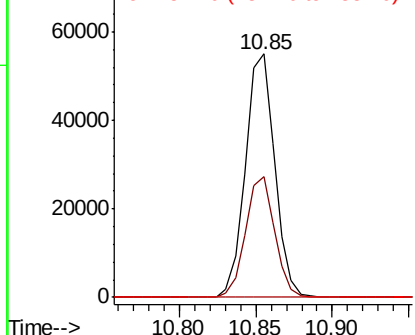
173 100

175 49.3 24.1 72.3

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

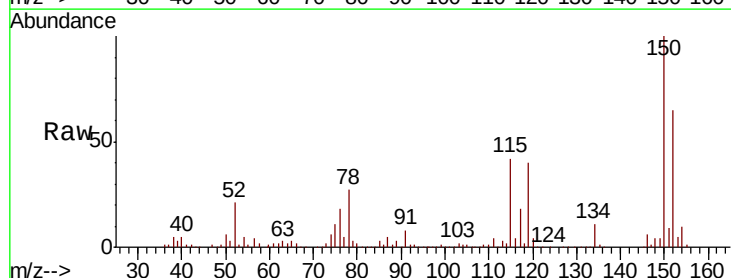
Tgt Ion:152 Resp: 123022

Ion Ratio Lower Upper

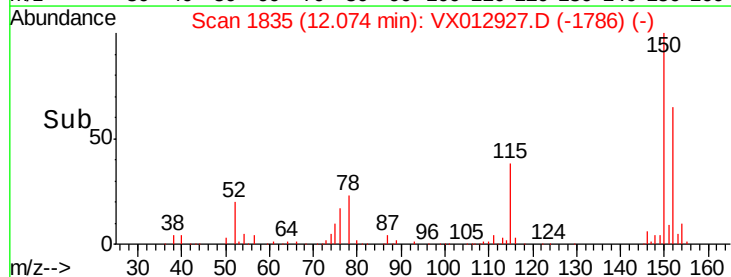
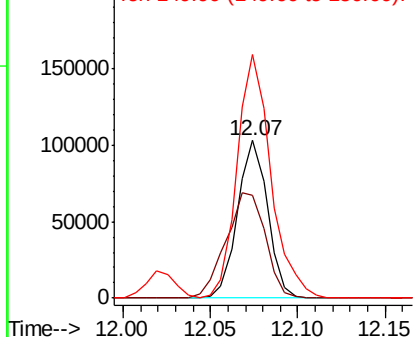
152 100

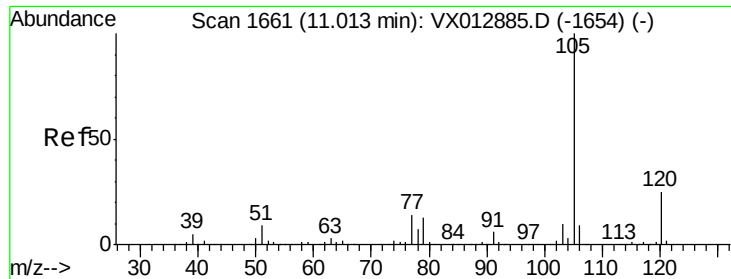
115 87.6 44.5 133.5

150 174.5 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.136 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

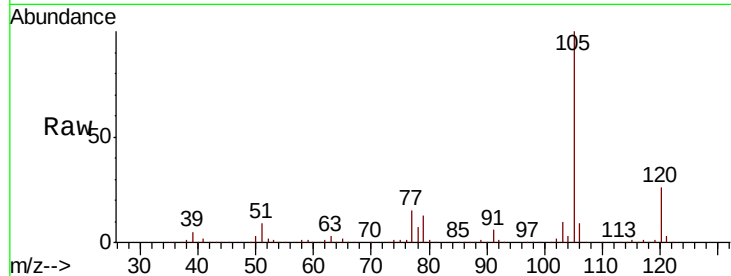
VSTDCCC050EC

Tot Ion:105 Resp: 489653

Ion Ratio Lower Upper

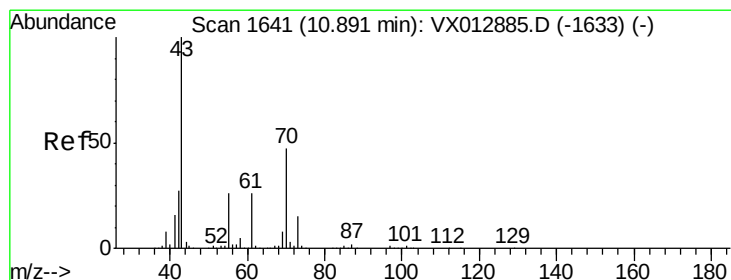
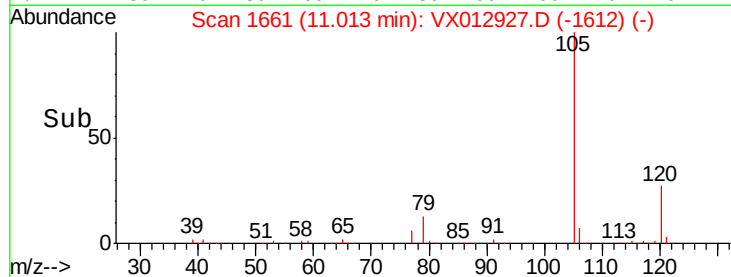
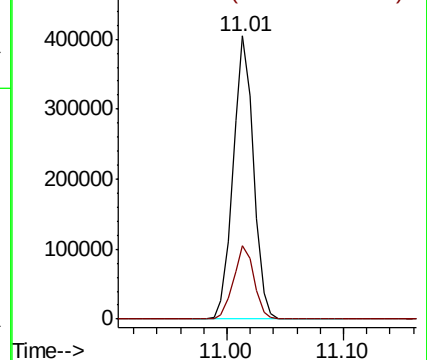
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.768 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion: 43 Resp: 217237

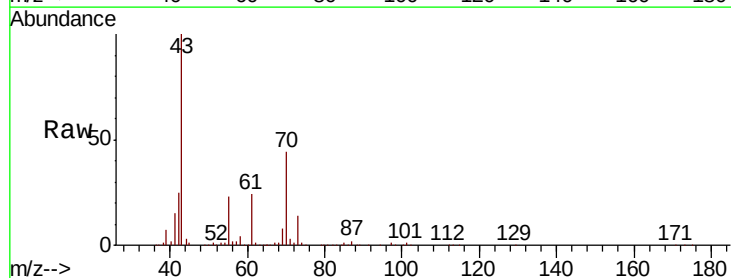
Ion Ratio Lower Upper

43 100

70 44.6 36.4 54.6

55 24.0 20.2 30.2

61 24.9 20.5 30.7

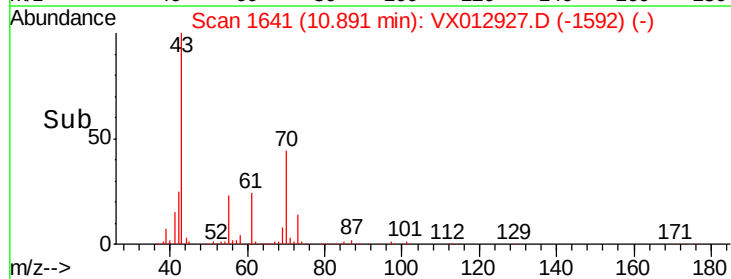
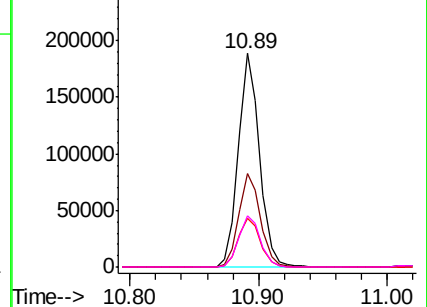


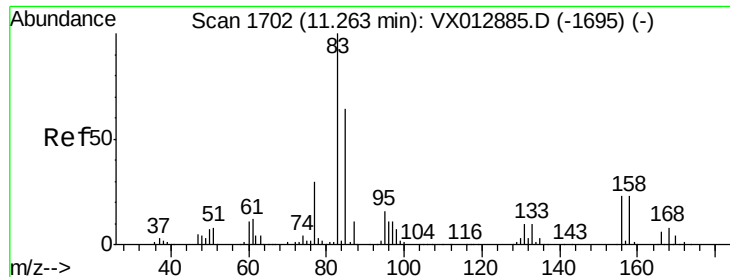
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.297 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

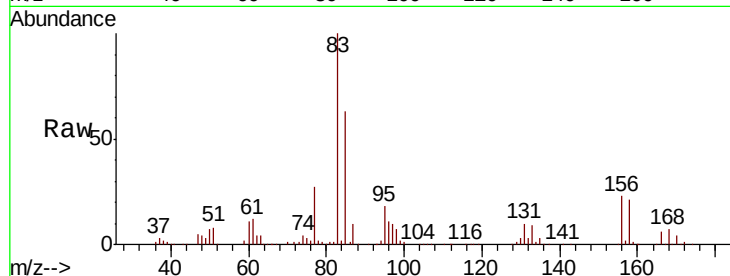
Tot Ion: 83 Resp: 160335

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

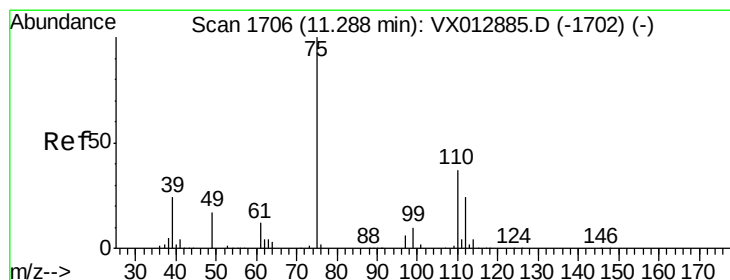
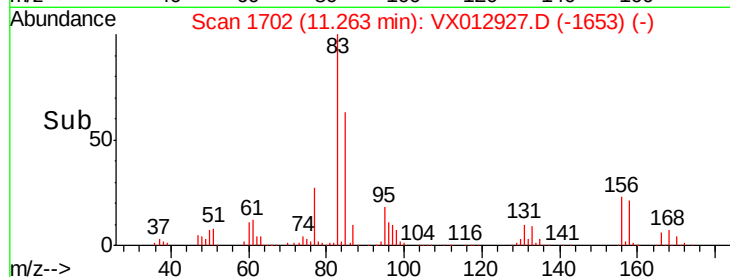
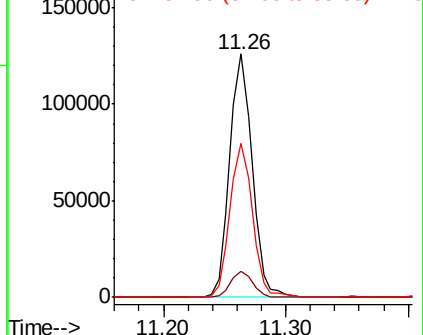
85 63.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.233 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012927.D

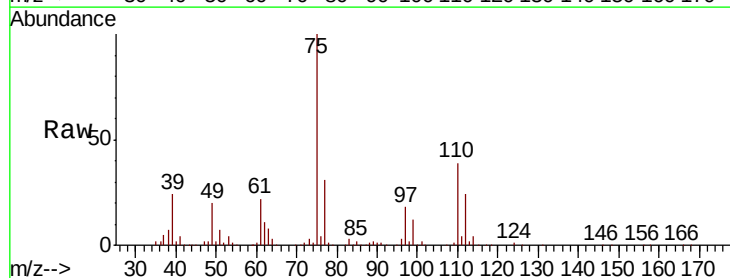
Acq: 09 Oct 2019 07:01

Tgt Ion: 75 Resp: 177997

Ion Ratio Lower Upper

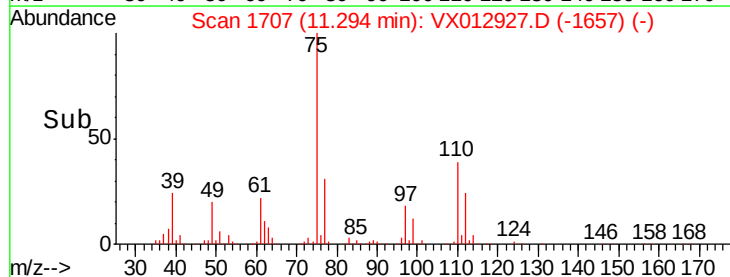
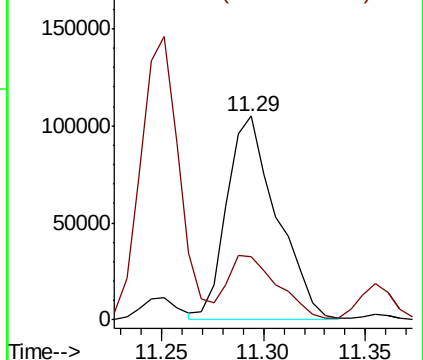
75 100

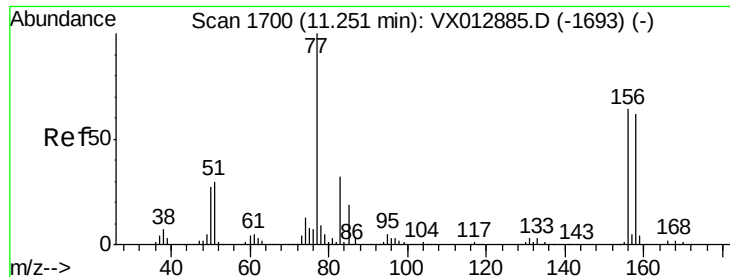
77 31.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

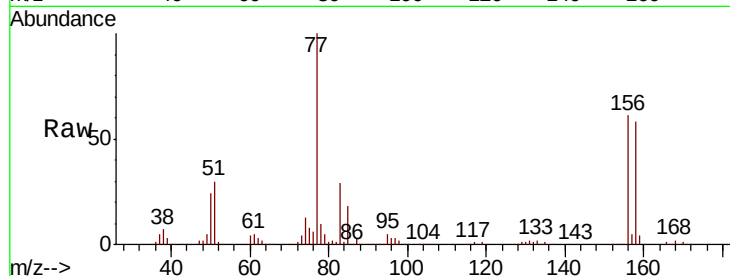
Tot Ion:156 Resp: 112558

Ion Ratio Lower Upper

156 100

77 169.4 83.7 251.0

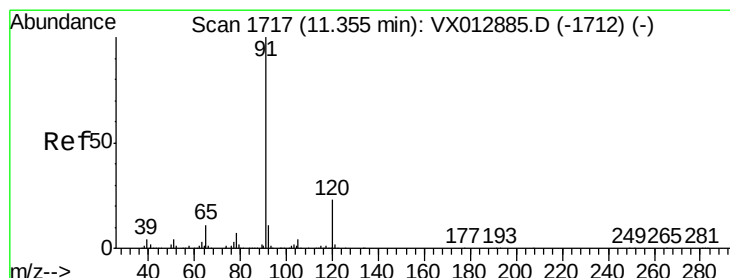
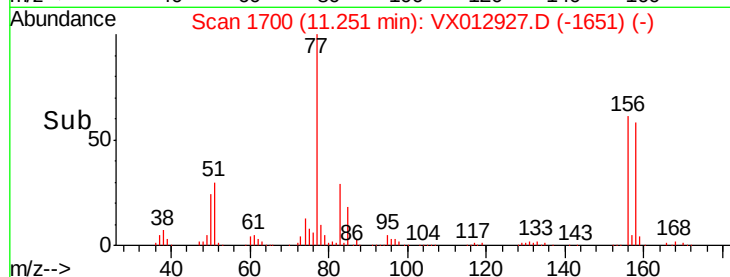
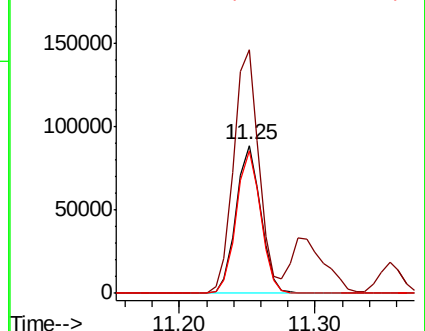
158 95.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.784 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012927.D

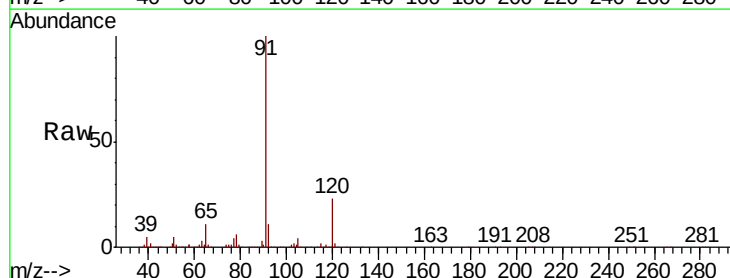
Acq: 09 Oct 2019 07:01

Tgt Ion: 91 Resp: 535294

Ion Ratio Lower Upper

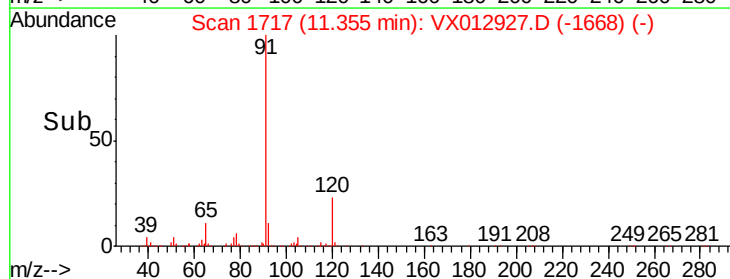
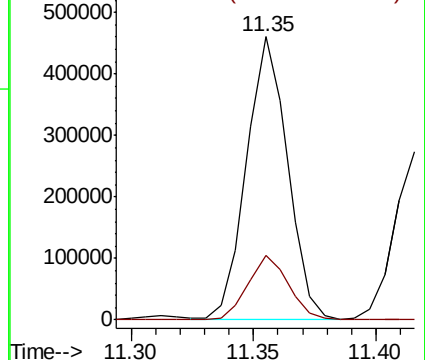
91 100

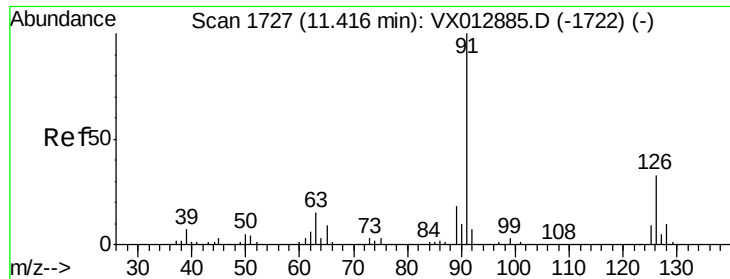
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

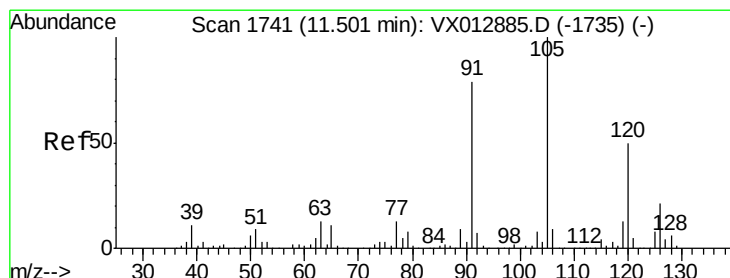
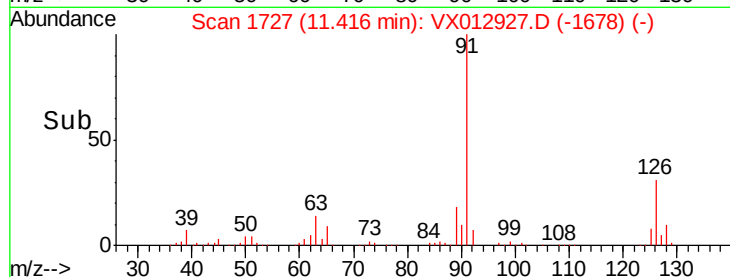
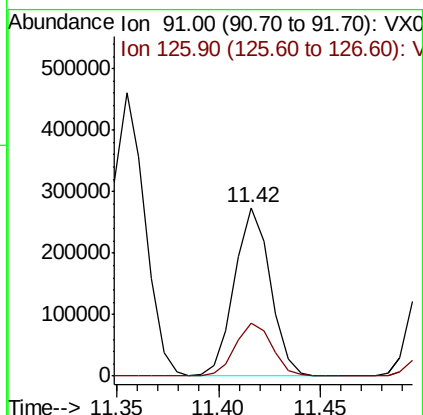
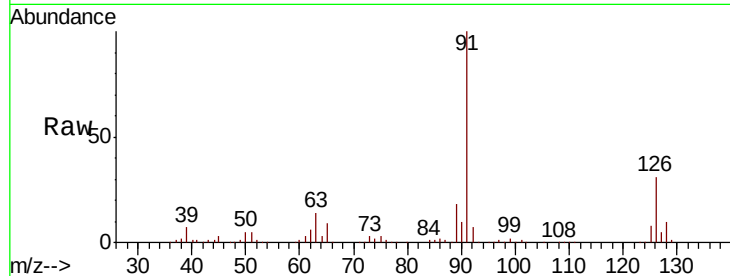




#79
 2-Chlorotoluene
 Concen: 53.329 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

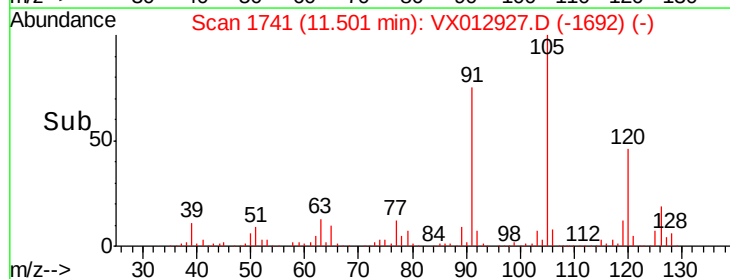
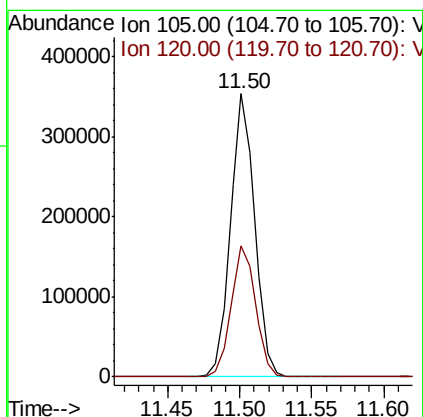
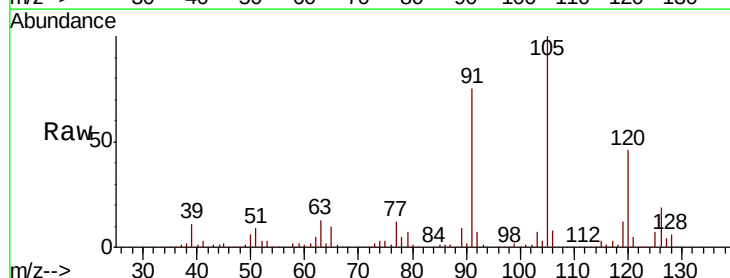
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

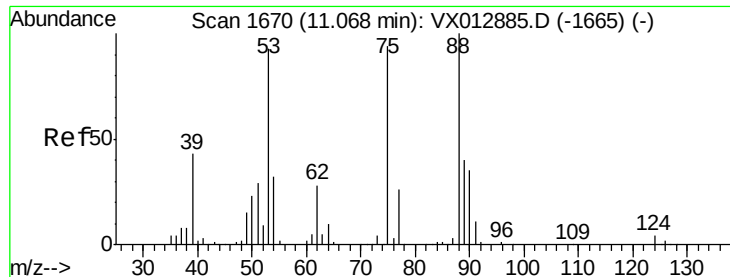
Tot Ion: 91 Resp: 333570
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 55.283 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 105 Resp: 417519
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 42.278 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

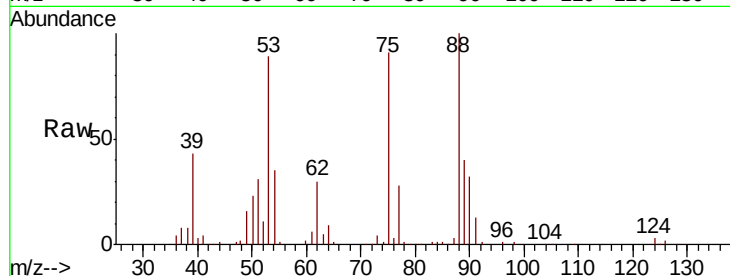
Tot Ion: 75 Resp: 44133

Ion Ratio Lower Upper

75 100

53 101.3 78.5 117.7

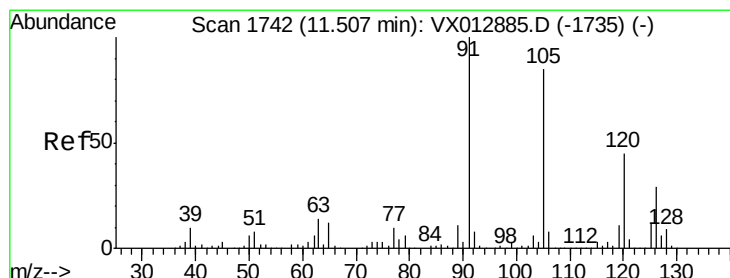
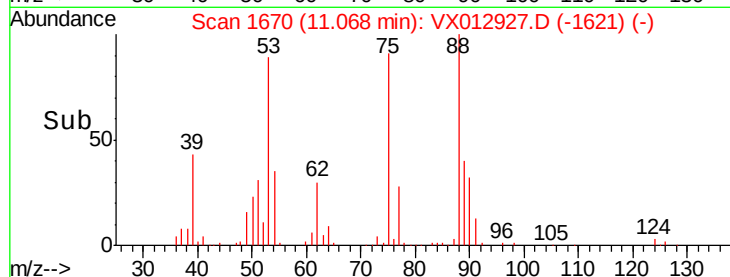
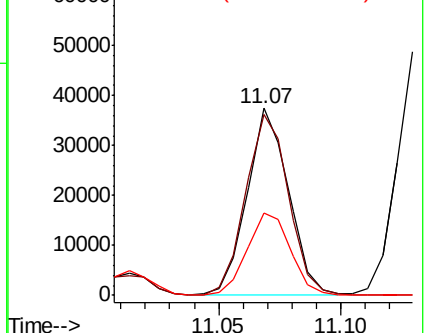
89 46.5 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.898 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012927.D

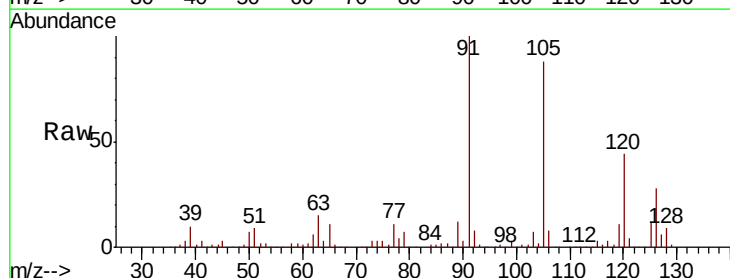
Acq: 09 Oct 2019 07:01

Tgt Ion: 91 Resp: 386413

Ion Ratio Lower Upper

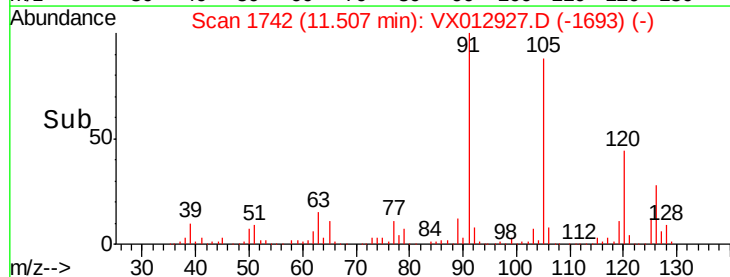
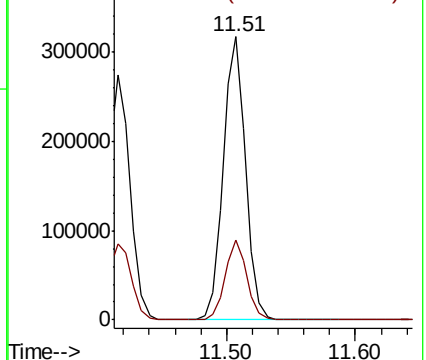
91 100

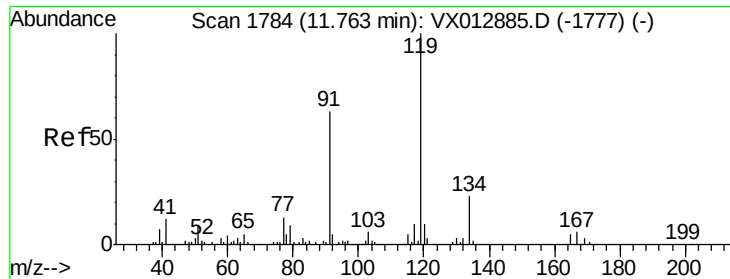
126 27.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

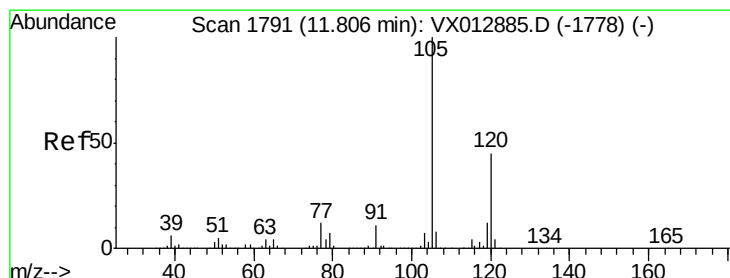
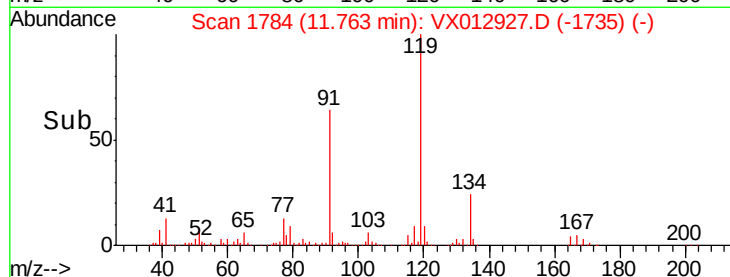
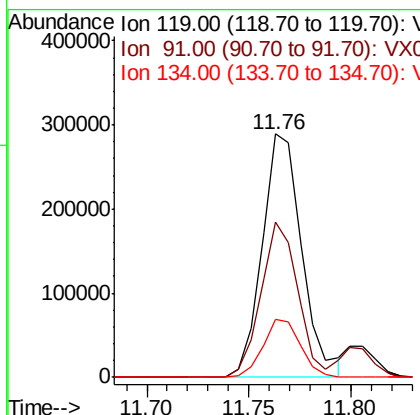
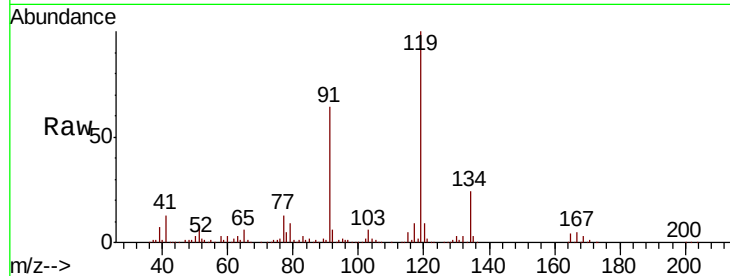




#83
 tert-Butylbenzene
 Concen: 53.395 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

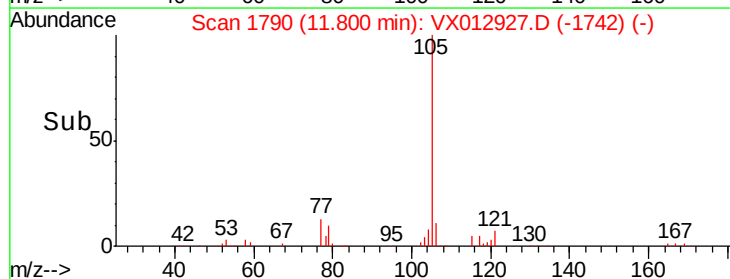
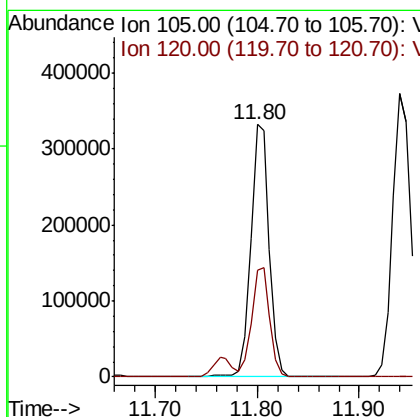
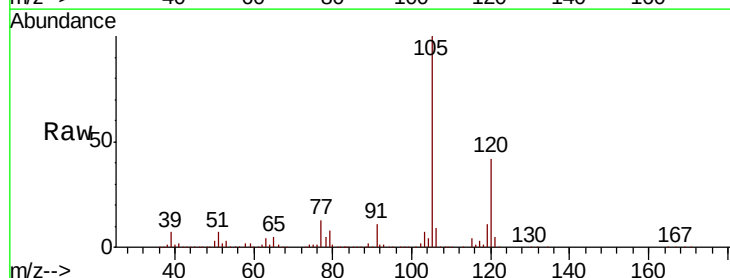
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

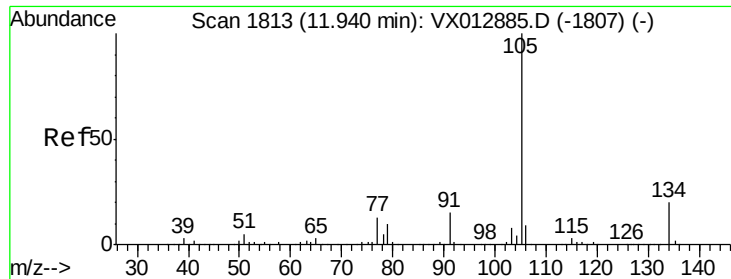
Tot Ion:119 Resp: 393379
 Ion Ratio Lower Upper
 119 100
 91 59.2 29.3 87.9
 134 22.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.508 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion:105 Resp: 416928
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 53.908 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

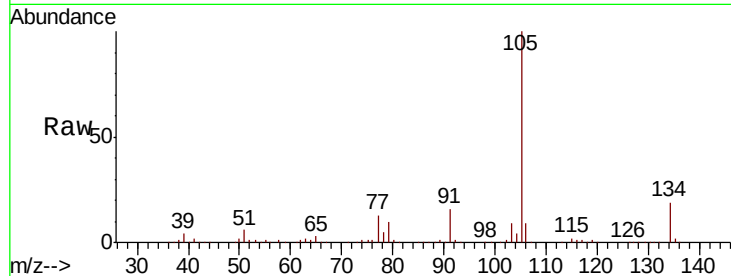
VSTDCCC050EC

Tot Ion:105 Resp: 460127

Ion Ratio Lower Upper

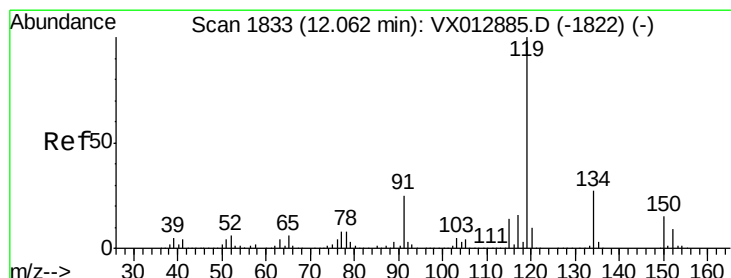
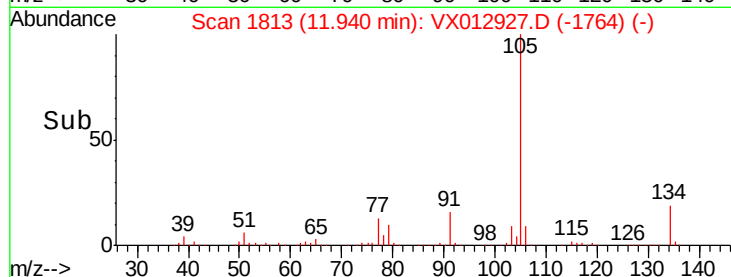
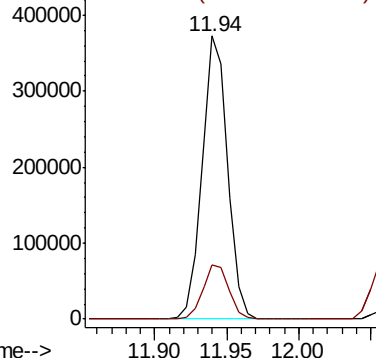
105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.298 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

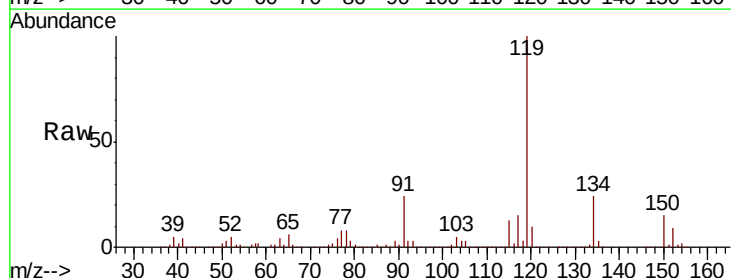
Tgt Ion:119 Resp: 429826

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

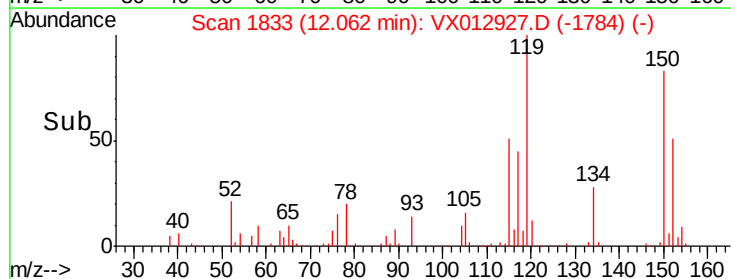
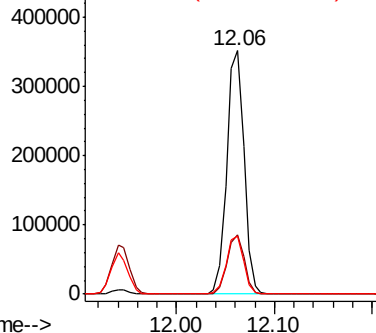
91 24.0 12.4 37.4

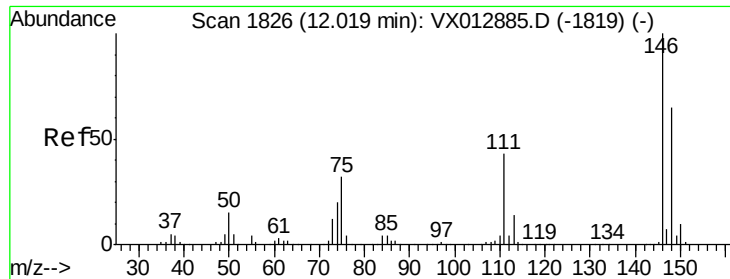


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

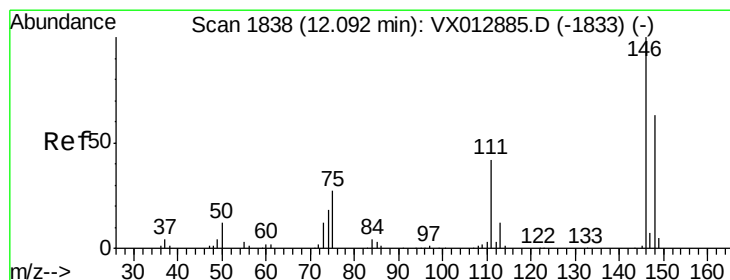
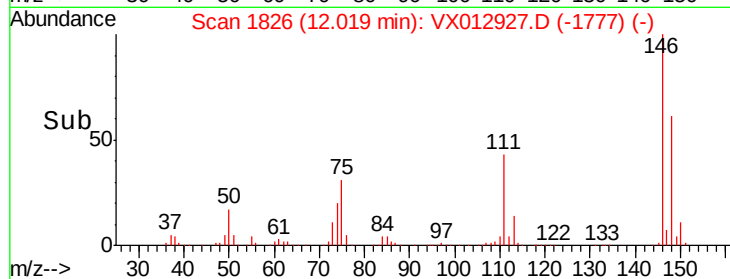
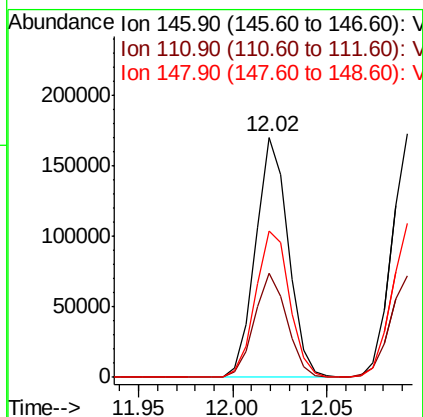
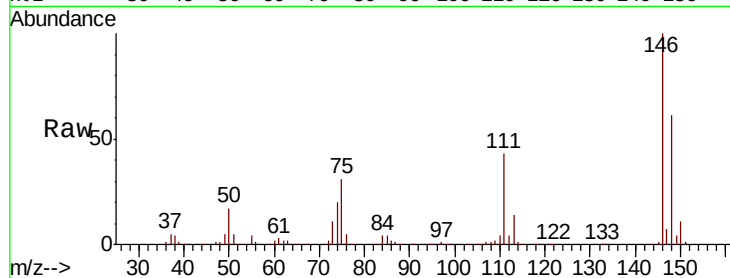




#87
 1,3-Dichlorobenzene
 Concen: 51.751 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

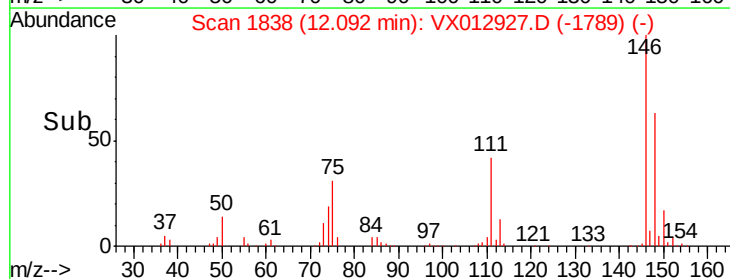
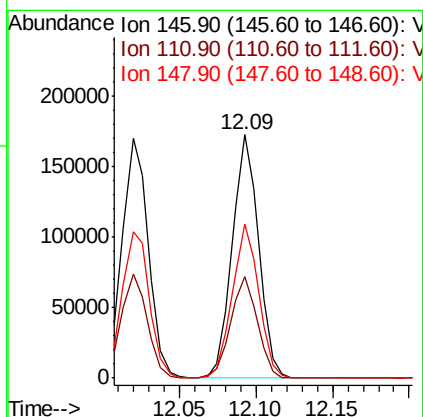
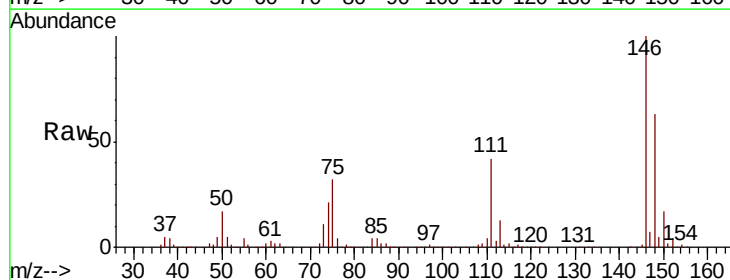
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

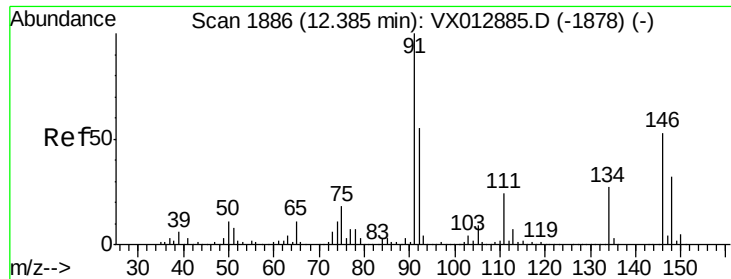
Tot Ion:146 Resp: 204832
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.4
 148 63.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.281 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion:146 Resp: 205560
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.3
 148 63.5 32.1 96.5

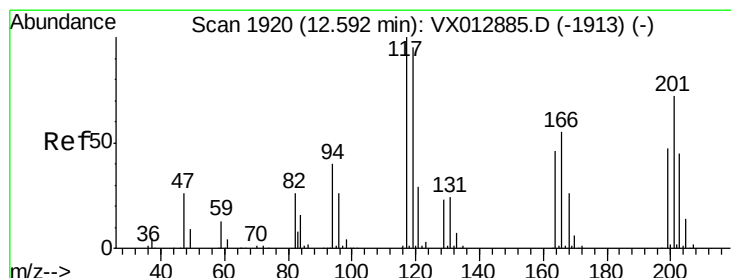
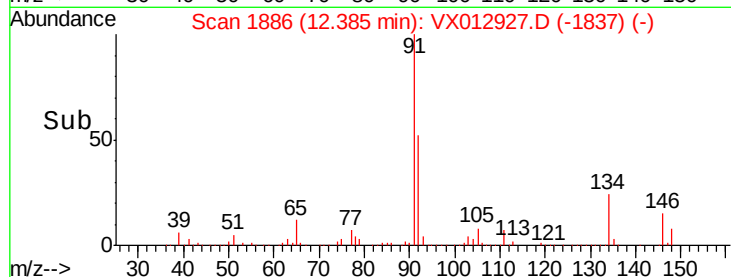
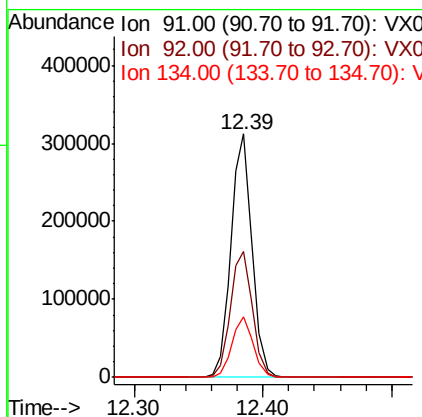
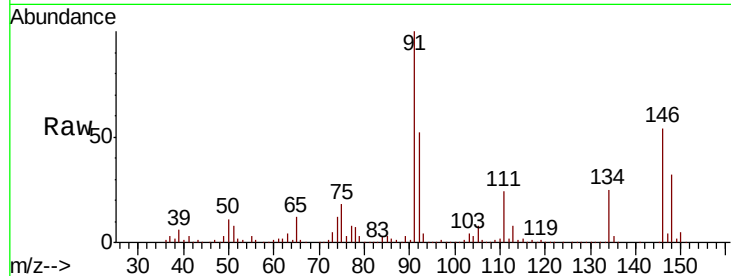




#89
n-Butylbenzene
Concen: 53.652 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

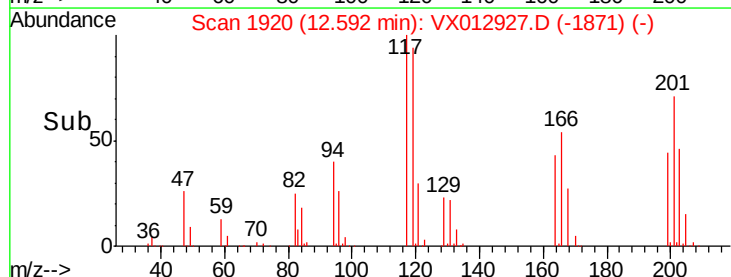
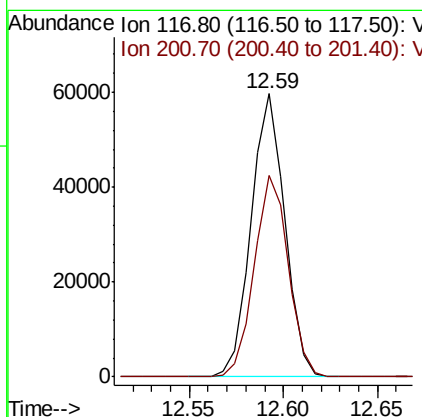
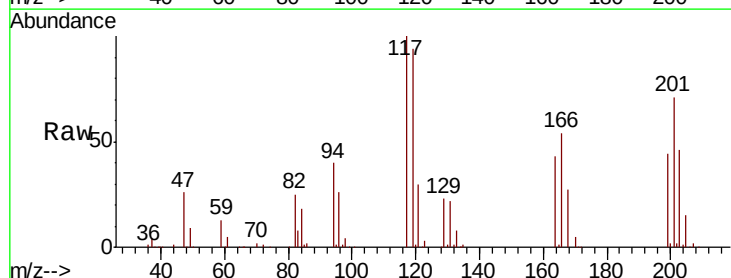
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

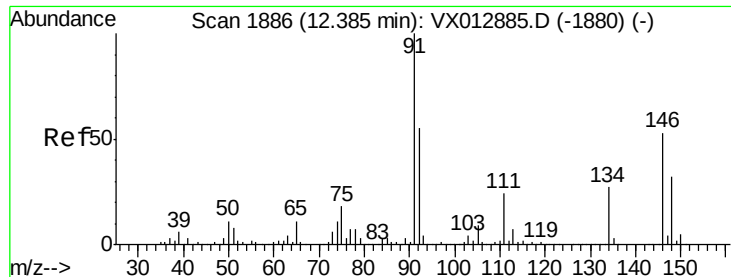
Tot Ion: 91 Resp: 356954
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.5
134 24.8 12.9 38.7



#90
Hexachloroethane
Concen: 50.365 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 117 Resp: 73867
Ion Ratio Lower Upper
117 100
201 72.1 36.9 110.7

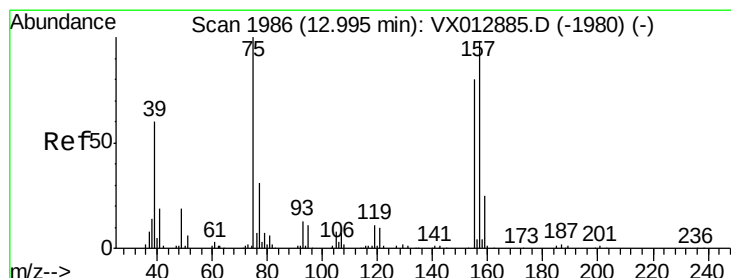
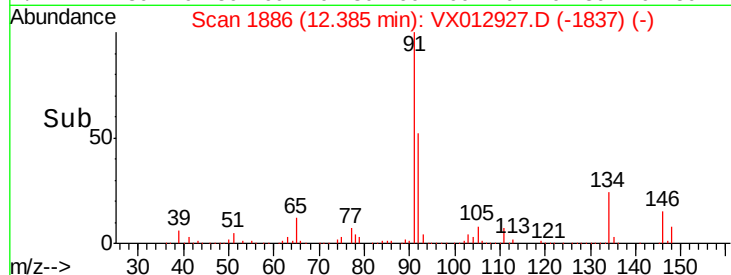
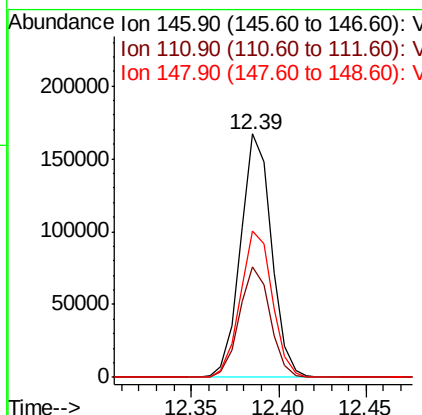
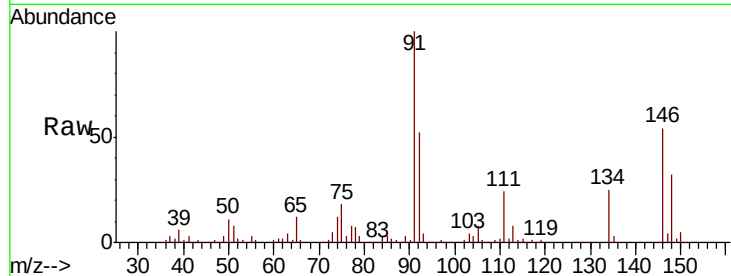




#91
 1,2-Dichlorobenzene
 Concen: 52.949 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

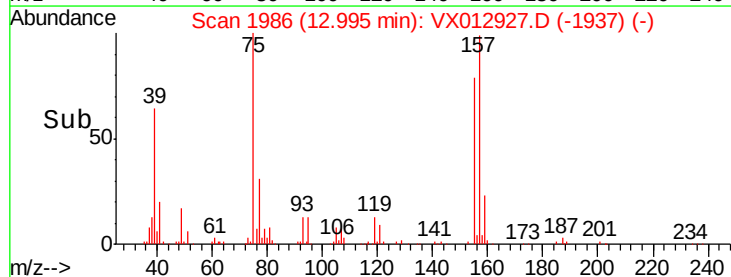
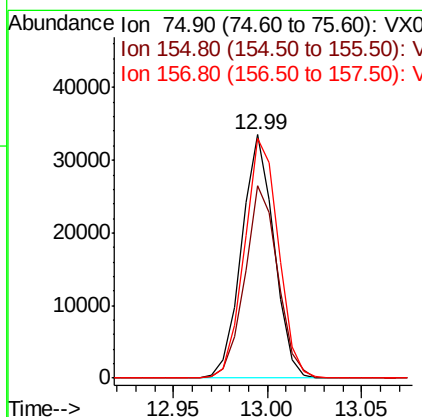
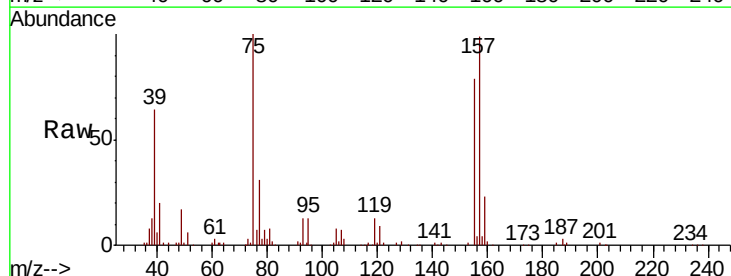
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

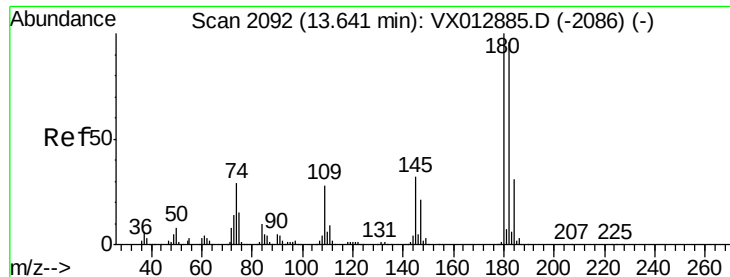
Tot Ion:146 Resp: 205454
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.7 68.0
 148 61.9 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.486 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 75 Resp: 39828
 Ion Ratio Lower Upper
 75 100
 155 80.9 43.0 128.8
 157 103.5 54.1 162.3

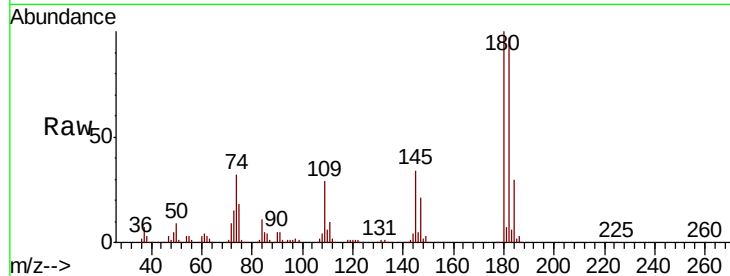




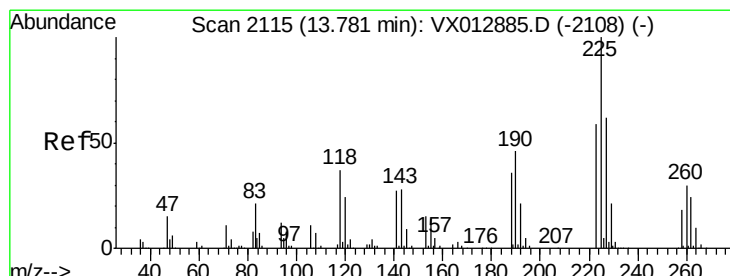
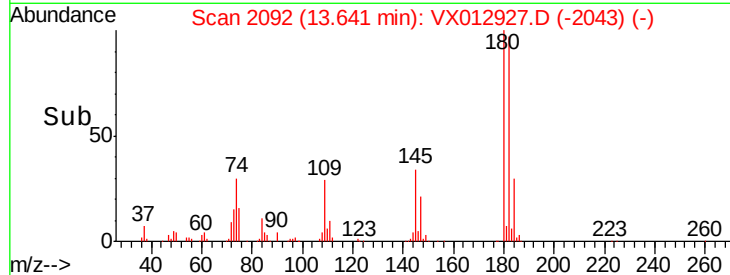
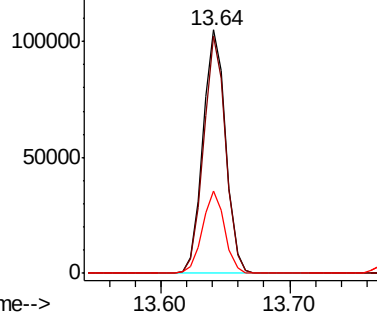
#93
 1,2,4-Trichlorobenzene
 Concen: 53.486 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.4
145	32.9	16.2	48.6

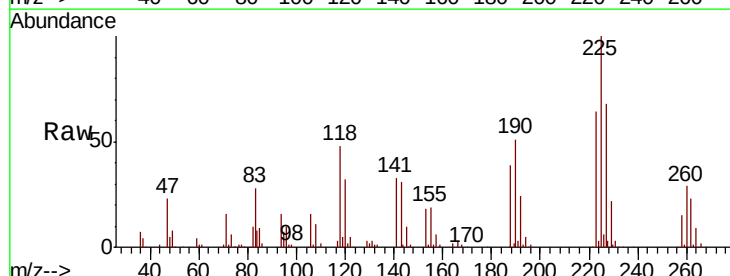


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

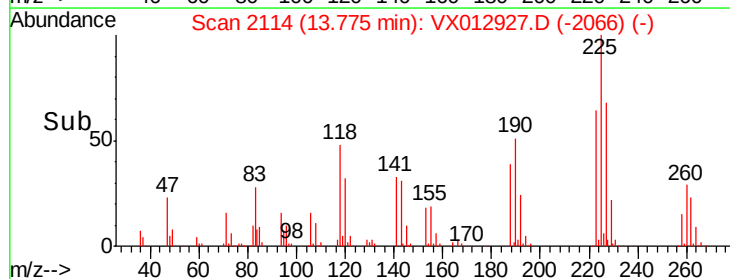
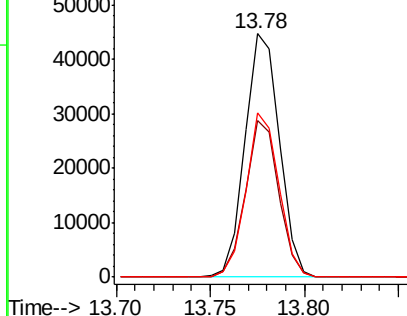


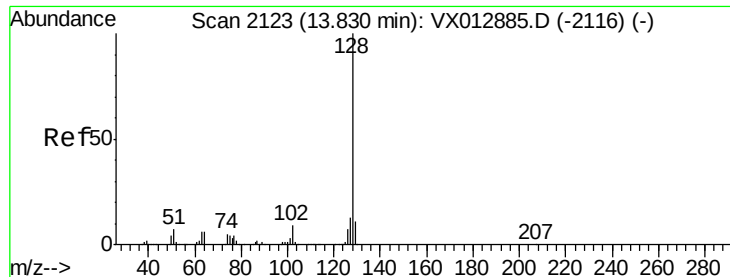
#94
 Hexachlorobutadiene
 Concen: 50.478 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.4	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

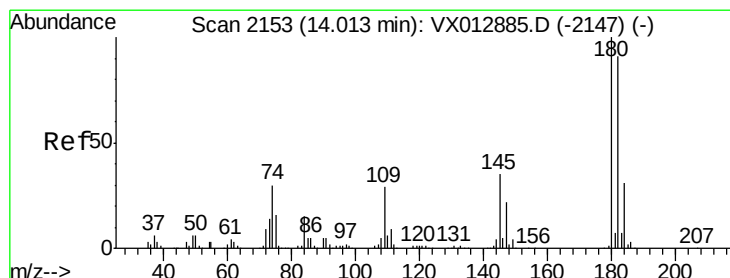
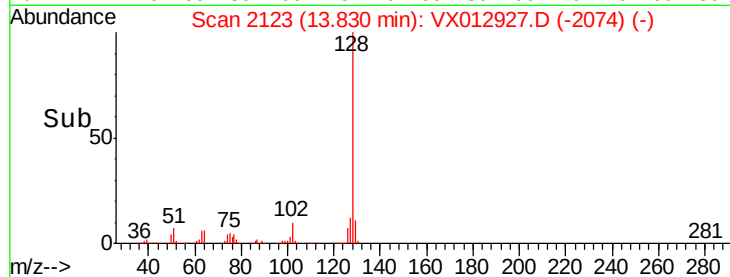
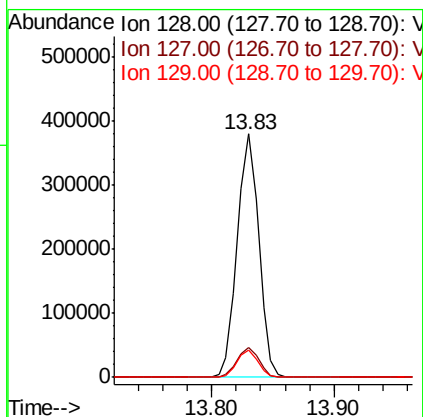
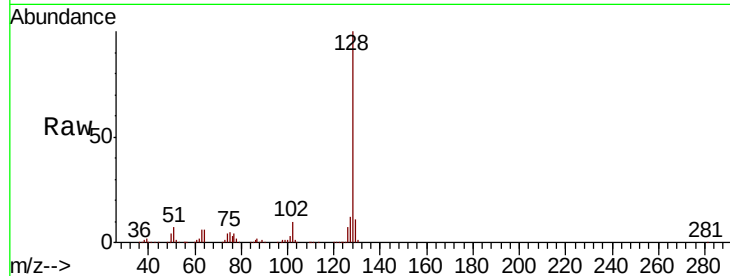




#95
Naphthalene
Concen: 54.837 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 462054
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.822 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:180 Resp: 132681
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 34.7 17.4 52.3

